26th ESTS MEETING
27 MAY - 30 MAY 2018 • LJUBLJANA, SLOVENIA

EUROPEAN CONFERENCE
ON GENERAL THORACIC SURGERY

ESTS
www.estls.org
**ESTS SCHOOL OF THORACIC SURGERY 2018**
Director of Education: Professor Hasan Batirel, Istanbul/TK

**KNOWLEDGE TRACK**
“Antalya revisited in Prague”, Lindner Hotel Prague Castle, Prague, Czech Republic
A Complete Review of Thoracic Surgery
18 – 23 March 2019

**ACADEMIC COMPETENCE TRACK**
Medical Writing Course
European Surgical Institute, Hamburg, Germany
5 – 7 November 2018

International Leadership Management, ILM Level 5
Leeds University, Leeds, UK
29 - 30 November 2018

**SKILL TRACK**
Chest Wall Course
European Surgical Institute, Hamburg, Germany
24 - 26 September 2018

Elancourt in Copenhagen
MI Esophagogastric Anastomosis Course, CAMES, Copenhagen, Denmark
9 - 10 October 2018
Welcome Address
Marko Bitenc, Chair, Local Organising Committee
Kostas Papagiannopoulos, President

Symposium for Nurses - Welcome

Welcome to Ljubljana

ESTS Council 2018

Venue

Main Contact Details

Registration fees

General Information

Program at a glance / Scientific Grid

Scientific Program
Sunday 28 May
Monday 29 May
Tuesday 30 May
Wednesday 31 May

Posters

Symposium for Nurses

ESTS Official Sessions

Abstract submission

Prizes and Awards

Accommodation

Official Networking Program

1st ESTS Thoracic Surgical Trainee Symposium
Dear Colleagues,

On behalf of the Local Organizing Committee I invite you to come to Ljubljana, Slovenia, to the 26th European Conference on General Thoracic Surgery from 27th to 30th May 2018.

Ljubljana is the capital of the Republic of Slovenia which is a Central European country, geographically located in the heart of the old continent bordering on Austria, Italy, Hungary and Croatia. The three borders point between Slovenia, Austria and Italy is the unique ethinical point of the world because only at this point the three ethinical groups of nations meet. Italy representing the Romanic speaking nations spreading southwest to the southern borders of the South America. Austria representing the Germanic speaking nations spreading north to the northern borders of Europe. And Slovenia representing the Slavic speaking nation spreading East to the eastern border of Russia. Slovenia is a very small but at the same time a very diverse country, with the southeastern part of the Alps, a coast of the Adriatic Sea and the Pannonian region at the East. Ljubljana is localized centrally in the country, so it is very easy to travel to all parts of the country in one day. You can visit the Adriatic Sea, the Alps or the Pannonian region. Ljubljana is an ancient city with a very beautiful medieval center, but at the same time it is very young at heart. If Vienna and Prague got married and had a baby, then this child would certainly be Ljubljana. Ljubljana is definitely a historical city but also culturally vibrant with a blooming café society and immersed in the green surrounding. In 2016 it has been named the European Green Capital. Whether you see life in black or white you might not have known us yet, but when you come to us next year our hospitality will be warm and genuine.

The venue of the Conference is located in the very center of Ljubljana, so you will be able to walk from all the hotels to the Congress Center and from the Congress Center to the old medieval attractive parts of Ljubljana with nice restaurants and cafes.

It is my honor to invite you, all the colleagues from all the continents of the world, to come to Ljubljana. With the ESTS Council we will do our best to make your coming as agreeable and rewarding as possible and hoping that you will leave Slovenia at the end of May 2018 professionally and socially rewarded.

Looking forward to seeing you in Ljubljana.

Marko Bitenc
Chair, Local Organising Committee
Dear Members, Friends and Distinguished Guests

Why would you all be in Ljubljana between the 27th and 30th of May 2018?

The European Society of Thoracic Surgeons (ESTS), our Family, is hosting its 26th Annual conference. Together, we will be celebrating 25 years of constant presence, growth and strength in the Thoracic Surgical Fraternity.

An ever exciting program with renowned speakers, Junior Surgeons and Industry partners will guarantee a meeting worth not only attending but also actively contributing.

This year, our Program Committee will be encouraging stronger junior family member participation. New educational streamlined pathways will be introduced. And the exhibition village will offer first hand introduction to new and exciting technology with one to one interaction.

A special welcome and gratitude to our Industry Partners who have always considered and supported our educational needs.

Our Society remains a Global Organization with European roots. Through such educational events, it cares for all Thoracic Surgeons and their patients across the Globe. Their concerns and quest to treat Thoracic pathology is our mission statement.

We are confident that during the Conference, Ljubljana, with its beauty, its local residents and our members will provide the best ‘ingredients’ for a meeting to be long remembered by its delegates and the city itself.

Kostas Papagiannopoulos MD, MMED THORAX, CTH
President
Dear Nurses and Physiotherapists,

As health professionals and members of the team for the treatment of patients in the field of General Thoracic Surgery you are all cordially invited to attend the 5th Symposium for nurses and allied professionals at the 26th ESTS conference in Ljubljana, Slovenia 2018. The topics of the symposium were chosen to give you the opportunity to present your experiences and share the knowledge.

Prepare your paper and present it at the largest and most important International symposium for nurses and allied professionals in general thoracic surgery. Meet and communicate with other healthcare professionals from different countries and learn more about the modern principles of care of patients with chest diseases and trauma.

Use our symposium as an important tool in your continuous professional development for the benefit of patients.

All you have to do is to submit your abstract for presentation or simply register for the symposium and come to Ljubljana at the end of May 2018, the most beautiful time to visit the capital of Slovenia.

Call for abstracts is from 1 December 2017 to 28 February 2018
When participating in the nursing programme, you are welcome to join the other scientific sessions as well.

We are looking forward to welcoming you.

Marko Bitenc
Chair, Local Organising Committee
WELCOME TO LJUBLJANA

Slovenia is included in the Schengen zone since the end of 2007 and was proud to hold the Presidency of the Council of Europe in the first half of 2008.

...AN ANCIENT CITY, BUT YOUNG AT HEART...
If Vienna and Prague got married and had a baby, then this would certainly be LJUBLJANA...

HIGHLIGHTS
Slovenia (and Ljubljana) was in 2014 proclaimed Lonely Planet’s Best Place in Europe and one of Europe’s most idyllic places to live by Forbes in 2008.
Ljubljana is already one of Europe’s greenest and most livable cities, boasting a friendly cafe culture by day, and vibrant nightlife after the sun sets. Slovenia, which is as picture-perfect as Switzerland but much easier on the wallet.
Ljubljana is the European Green Capital 2016.
Since Ljubljana is a very green city, with the main park touching the city centre, and Slovenians are in general very fond of nature, the outdoor space and recreation, a lot of possibilities for recharging batteries are available.

SAFETY
Both Slovenia and Ljubljana are regarded as very safe destinations with the crime index positioned at 29,60 and safety index at 70,40.
There are numerous sources that confirm this fact, such as travel guides, articles in international media and social platforms (travellers’ reviews, forums, blogs...).

VISA RESTRICTION
Slovenia entered the Schengen Agreement in 2007 and thus EU citizens do not require a visa to enter Slovenia, a passport or ID card is sufficient.
Non-EU citizens are kindly advised to check the requirements at the website of the Slovenian Ministry of Foreign Affairs at www.mzz.gov.si/en
COMMITTEES

LOCAL ORGANIZING COMMITTEE

Chair
Marko Bitenc

Anton Črnjac
Tomaž Štupnik
Tomaž Jensterle
Mihael Sok

Jana Šubic
Symposium for Nurses

SCIENTIFIC PROGRAM COMMITTEE 2018

Hasan Batirel
Istanbul (Turkey)

Alessandro Brunelli
Leeds (UK)

Marko Bitenc
Ljubljana (Slovenia)

Anton Črnjac
Ljubljana (Slovenia)

Pierre-Emmanuel Falcoz
Strasbourg (France)

Wentao Fang
Shanghai (China)

Gilbert Massard
Strasbourg (France)

Meinoshin Okumura
Osaka (Japan)

Isabelle Opitz
Zurich (Switzerland)

Kostas Papagiannopoulos
Leeds (UK)

Gaetano Rocco
Naples (Italy)

Enrico Ruffini
Torino (Italy)

Marco Scarci
London (UK)

Alan Sihoe
Hong Kong (China)

Gonzalo Varela
Salamanca (Spain)

Douglas Wood
Seattle (USA)

ESTS COUNCIL

COUNCIL OFFICERS 2018

President
Kostas
Papagiannopoulos
Leeds (UK)

Secretary General
Alessandro Brunelli
Leeds (UK)

Treasurer
Isabelle Opitz
Zurich (Switzerland)

Editor
Gaetano Rocco
Naples (Italy)

President Elect
Gilbert Massard
Strasbourg (France)

Past President
Jaroslaw Kuzdzal
Krakow (Poland)

COUNCILLORS 2018

Corinna Ludwig
Dusseldorf (Germany)

Nuria Novoa
Salamanca (Spain)

Rene Petersen
Copenhagen (Denmark)

Enrico Ruffini
Torino (Italy)

David Waller
London (UK)

Willem-Hans Steup
The Hague (Netherlands)

Douglas Wood
Seattle (USA)

DIRECTORS 2018

Director of Annual Meeting
Marco Scarci
London (UK)

Director of Database
Pierre Emmanuel Falcoz
Strasbourg (France)

Director of Education
Hasan Batirel
Istanbul (Turkey)

Director of External Relations
Gonzalo Varela
Salamanca (Spain)
VENUE

Cankarjev dom
Cultural and Congress Centre
Prešernova cesta 10,
SI-1000 Ljubljana, Slovenia
P+386 (0)1 24 17 122
http://www.cd-cc.si

WEBSITE
www.est2018.com
www.est.org

IMPORTANT DATES
Early Bird Registration
Wednesday 18 April 2018
Abstract Submission
- Opens: Friday 1 December 2017
- Closes: Tuesday 9 January 2018 (28 February 2018 for the Nurses)

MAIN CONTACT DETAILS

ESTS SECRETARIAT
ESTS Executive Director
Sue Hesford
1 The Quadrant
Wonford Road
Exeter EX2 4LE (UK)
Tel./Fax +44 1392 430671
Email: sue@ests.org.uk
www.est.org

MEETING SECRETARIAT
VIAJES EL CORTE INGLES SA
C/ Alberto Bosch 13
28014 Madrid (Spain)
Tel. +34 91 3300565
Exhibition
Ms Asun Marzo
amarzo@viajeseci.es
Ms Laura Pascual
lpascual@viajeseci.es
T. +34 91 3300565
Registrations - General Information
Ms Tatiana Rodríguez
ests@viajeseci.es

LOCAL AGENCY
Accommodation and Local Services
Tina Kramberger
Prešernova 10,
SI-1000 Ljubljana, Slovenia
Phone: + 386 1 241 71 41
Fax: + 386 1 241 72 96
E-mail: tina.kramberger@cd-cc.si
# REGISTRATION FEES

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<tr>
<th></th>
<th>EARLY FEES</th>
<th>LATE FEES</th>
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<tr>
<td></td>
<td>until April 18th</td>
<td>after &amp; onsite</td>
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<tr>
<td>ESTS Member high-income*</td>
<td>400€</td>
<td>450€</td>
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<tr>
<td>ESTS Member upper-middle-income*</td>
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<td>ESTS Member low-income*</td>
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<tr>
<td>Non-Member</td>
<td>650€</td>
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<td>ERS Member (for pulmonologists only)</td>
<td>150€</td>
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<tr>
<td>Daypass Non Member (only possible for one day)</td>
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<td>Trainee ESTS Member</td>
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<td>Trainee non Member**</td>
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**NOT INCLUDED IN THE REGISTRATION FEE**

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<tr>
<th></th>
<th>EARLY FEES</th>
<th>LATE FEES</th>
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<tbody>
<tr>
<td>Sunrise Seminar (with breakfast)</td>
<td>50€</td>
<td>50€</td>
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<tr>
<td>Sunrise Hands on sessions (cost per session)</td>
<td>120€</td>
<td>150€</td>
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<thead>
<tr>
<th>EDUCA TIONAL TRACK 1</th>
<th>EARLY FEES</th>
<th>LATE FEES</th>
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</thead>
<tbody>
<tr>
<td>Sunrise Seminar with breakfast on Monday 28 May and Sunrise Hands on session on Tuesday 29 May</td>
<td>170€</td>
<td>210€</td>
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<tr>
<th>EDUCA TIONAL TRACK 2</th>
<th>EARLY FEES</th>
<th>LATE FEES</th>
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<tbody>
<tr>
<td>Sunrise Seminar with breakfast on Tuesday 29 May and Sunrise Hands on session on Monday 28 May</td>
<td>170€</td>
<td>210€</td>
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<tr>
<th>EDUCA TIONAL TRACK 3</th>
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<th>LATE FEES</th>
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<tbody>
<tr>
<td>Sunrise Seminar with breakfast on Monday 28 May and Sunrise Seminar with breakfast on Tuesday 29 May</td>
<td>70€</td>
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<tr>
<td>Gala Dinner Ticket - reduced price for Trainee only</td>
<td>100€</td>
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<td>Gala Dinner Ticket</td>
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Slovenian VAT 22% is included in the prices listed above.
* For the classification please visit www.ests.org
** Proof of trainee, student status or nurse certificate must be uploaded on the online registration
Reduced early registration is available to ESTS members who have paid their 2018 member fee by the close of early registration on 18 April 2018. For members that pay their member fee after this date, the on-site registration fee will apply.
REGISTRATION CANCELLATION POLICY

All cancellations and changes to registrations must be sent to e-mail: ests@viajeseci.es

The following registration CANCELLATION POLICIES apply:

Written notice of registration cancellation by 30 April 2018: 50% refund of the paid registration fee (less EUR 25 administration fee).

No refund will be granted for registrations cancelled after this date. Reimbursements will be made after the conference.

All costs and bank charges applied for payments and reimbursements of registration fees must be supported by the participant.

TERMS OF PAYMENT

The following payment options are available via the online registration form:

- Bank transfer - all relevant bank details are made available on the registration form.
- Credit card - payment via secure online e-commerce gateway (VISA and Mastercard accepted)
GENERAL INFORMATION

REGISTRATION & ABSTRACT SUBMISSION
www.est2018.com

WIRELESS INTERNET ACCESS
WiFi Internet access area will be available at the Congress.

SOCIAL EVENTS
Welcome Cocktail
ESTS 2018 Welcome Cocktail will be held on Sunday 27 May late afternoon after the Opening Ceremony.
(included in the registration fee)

Gala Dinner
ESTS 2018 Gala Dinner will be held on Tuesday 29 May evening.
(not included in the registration fee)

ACCOMMODATION DETAILS
Accommodation details are available at the website and further announcements.

ECO-FRIENDLY
ESTS 2018 is a sustainable and environmental friendly Congress encouraging the use of recyclable material.

SMOKING
ESTS 2018 is a non smoking congress.

REGISTRATION DESK
Participants can pick up their personal Congress material at the registration desk, which will be open as follows
Saturday, 26 May 16.00 - 19.30 h
Sunday, 27 May 06.30 - 18.00 h
Monday, 28 May 06.30 - 18.00 h
Tuesday, 29 May 06.30 - 17.30 h
Wednesday, 30 May 08.30 - 12.00 h
The Congress Secretariat will be available to assist you during the Congress.
Please do not hesitate to contact this office for help or advice.

ATTENDANCE
The Congress usually attracts between 1.500 and 1.800 delegates from all over Europe and from all over the World.
GENERAL INFORMATION

LANGUAGE
The official language of the Meeting is English.

NAME BADGES
Participants and accompanying persons are obliged to wear the official Congress name badges on all Congress occasions.

EXHIBITION
Access to the exhibition is free for registered participants. The exhibition will be open on 27 - 30 May 2018 during the congress hours.

LUNCH AND REFRESHMENTS
Lunches are not included in the participants’ registration fee.
Coffee, tea will be available in the exhibition area during the breaks.

LIABILITY
By registering for the Congress and/or by participating in the exhibition joined to the Congress, participants and exhibitors agree that ESTS, the Organizing Committee or the Congress Secretariat do not assume any responsibility for damage or injuries to persons or property during the Congress. Participants and exhibitors are advised to organize their own health, travel and personal insurances.

LETTER OF INVITATION
Upon request, the Chairman of the Local Organizing Committee will be pleased to send a personal letter of invitation so as to enable participants to obtain supporting funds or visas for attending the Congress. These invitation letters cannot be considered as an offer of financial support by the organizers.

CERTIFICATE OF ATTENDANCE
Participants will receive a certificate of attendance which will be downloaded from the Conference App.

CONFERENCE APP
Ljubljana 2018 is a Paperless Meeting
A conference App will be made available for participants containing all necessary information, featuring and replacing, among other items the complete conference programme and abstract book.
The ESTS Conference App will be accessible for download on Android and IOS devices (smartphones, tablets, iPhones and iPads).
SUNDAY 27 MAY 2018

**GALLUS HALL**

- **08:00 - 08:30**
  - Postgraduate Symposium
  - Master Cup

- **08:30 - 09:00**
  - Coffee Break (Exhibition Area)

- **09:00 - 09:30**
  - Postgraduate Symposium
  - Master Cup

- **10:00 - 10:30**
  - Opening Ceremony Industry
  - (Exhibition Area)

- **10:30 - 11:00**
  - Junior Poster Session

- **11:00 - 11:30**
  - Database and Quality
  - Certification Session

- **11:30 - 12:00**
  - Coffee Break (Exhibition Area)

- **12:00 - 12:30**
  - Challenging Oncologic cases in
  - Thoracic Surgery: A Multidisciplinary
  - Tumour Board Session

- **12:30 - 13:00**
  - ESTS-Enhanced Recovery
  - After Surgery (ERAS)
  - Joint Session

- **13:00 - 13:30**
  - Nightmares in Thoracic Surgery

- **13:30 - 14:00**
  - ESTS-Japanese Association
  - for Chest Surgery (JACS)
  - Joint Session

- **14:00 - 14:30**
  - Lung surgery of the Future

- **14:30 - 15:00**
  - Opening Ceremony

- **15:00 - 15:30**
  - Welcome Reception (Exhibition Area)

**LINHART HALL**

- **08:00 - 08:30**
  - Postgraduate Symposium
  - Master Cup

- **08:30 - 09:00**
  - Coffee Break (Exhibition Area)

- **09:00 - 09:30**
  - Postgraduate Symposium
  - Master Cup

- **10:00 - 10:30**
  - Opening Ceremony Industry
  - (Exhibition Area)

- **10:30 - 11:00**
  - Junior Poster Session

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- **14:30 - 15:00**
  - Opening Ceremony

- **15:00 - 15:30**
  - Welcome Reception (Exhibition Area)
# PROGRAM

## AT A GLANCE

### MONDAY 28 MAY 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>GALLUS HALL</th>
<th>LINHART HALL</th>
<th>ROOM E4</th>
<th>ROOM E3</th>
<th>ROOM E1-E2</th>
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<tbody>
<tr>
<td>07:00 - 07:30</td>
<td>Breakfast</td>
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<td>Sunrise Seminar 1</td>
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<td>07:30 - 08:00</td>
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<tr>
<td>08:00 - 08:15</td>
<td>Official Opening</td>
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<td>08:15 - 08:30</td>
<td>Report of the Director of the Annual Meeting</td>
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<tr>
<td>08:30 - 09:00</td>
<td>Brompton Session I</td>
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<td>09:00 - 09:30</td>
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<td>10:30 - 11:00</td>
<td>Coffee Break (Exhibition Area)</td>
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<tr>
<td>11:00 - 11:30</td>
<td>Invited Lecture</td>
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<td>11:30 - 11:50</td>
<td>ESTS Database</td>
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<td>11:50 - 12:30</td>
<td>Report of Working Groups</td>
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<td>12:30 - 13:00</td>
<td>Lunch Symposium to take place at STIH HALL</td>
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<td>13:00 - 13:30</td>
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<td>13:30 - 14:00</td>
<td>ESTS - Brazilian Society of Thoracic Surgery (SBCT) Joint Session</td>
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<td>14:00 - 14:30</td>
<td>Pulmonary Non-Neoplastic Session III</td>
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<tr>
<td>14:30 - 15:00</td>
<td>Nurse Symposium</td>
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<td>15:00 - 15:30</td>
<td>Nurse Symposium</td>
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<td>15:30 - 16:00</td>
<td>Coffee Break (Exhibition Area)</td>
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<td>16:00 - 16:30</td>
<td>Lung Cancer Screening Session</td>
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<td>16:30 - 17:00</td>
<td>Mixed Thoracic I Session V</td>
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<tr>
<td>17:00 - 17:30</td>
<td>Robotic Session</td>
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<tr>
<td>17:30 - 18:00</td>
<td>Young Investigators Award Session VII</td>
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<td>18:00 - 18:30</td>
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### TUESDAY 29 MAY 2018

<table>
<thead>
<tr>
<th>Time</th>
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<th>LINHART HALL</th>
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<th>ROOM E3</th>
<th>ROOM E1-E2</th>
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<tbody>
<tr>
<td>07:00 - 07:30</td>
<td>Sunrise Seminar 3</td>
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<tr>
<td>07:30 - 08:00</td>
<td>Sunlight Sessions</td>
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<tr>
<td>08:00 - 08:30</td>
<td>Innovative/Experimental Session VIII</td>
<td>ESTS-Society of Thoracic Surgeons (STS) Joint Session</td>
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<td>08:30 - 09:00</td>
<td>ESTS-International Association for the Study of Lung Cancer (IASLC) Joint Session</td>
<td>ESTS-Chest Wall International Society Group (CWIG) Joint Session</td>
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<td>09:00 - 09:30</td>
<td>Esophagus/Mediastinum Session IX</td>
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<td>Pulmonary Neoplastic I Session X</td>
<td>Medico-Legal Session: How to avoid problems</td>
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<td>11:00 - 11:30</td>
<td>Pulmonary Neoplastic II Session XI</td>
<td>ESTS-Chest Wall International Society Group (CWIG) Joint Session</td>
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<td>Extraordinary Guest Lecture</td>
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<td>12:30 - 13:00</td>
<td>Lunch Symposium</td>
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<td>Interesting Cases Session XIII</td>
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<td>14:30 - 15:00</td>
<td>Video III Session XIV</td>
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<td>Lung Transplant Working Group Session</td>
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<td>16:00 - 16:30</td>
<td>ESTS Gala Dinner (at own expense)</td>
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<td>Transplant Session XV</td>
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<td>17:00 - 17:30</td>
<td>The Life Cycle of a Surgeon</td>
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<td>17:30 - 18:00</td>
<td>General Assembly</td>
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### PROGRAM AT A GLANCE

#### WEDNESDAY 30 MAY 2018

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<tr>
<th>Time</th>
<th>GALLUS HALL</th>
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<tr>
<td>09:00 - 09:30</td>
<td>Mixed Thoracic II Session XVI</td>
<td>VATS Clinic Videos: tips, tricks and how to avoid complications</td>
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<td>10:30 - 11:00</td>
<td>ESTS-Central European Societies Joint Session</td>
<td>ESTS-Chinese Association of Thoracic Surgeons (CATS) Joint Session</td>
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SCIENTIFIC PROGRAM
SUNDAY 27 MAY
SCIENTIFIC PROGRAM - SUNDAY 27 MAY

POSTGRADUATE SYMPOSIUM MASTER CUP-PART 1
SUNDAY, 27 MAY 2018  08:00 - 10:00 h  •  GALLUS HALL

08:00 - 08:05  Introduction from 2017 PGC AME Prize Winner
Monisha Sudarshan (Montreal/CA)

COFFEE BREAK
SUNDAY, 27 MAY 2018  10:00 - 10:30 h

POSTGRADUATE SYMPOSIUM MASTER CUP-PART 2
SUNDAY, 27 MAY 2018  10:30 - 12:00 h  •  GALLUS HALL

Organisers:  Robert Cerfolio (New York/US)
Alan Sihoe (Hong Kong/CN)

- ESTS – AME Award: this is awarded for the best overall performance by a trainee member in the Postgraduate Course Master’s Cup Competition who wins an expenses paid one month attachment to a leading Thoracic Surgery Unit in China. The prize comes courtesy of AME Publishing Company

Format
This year, a brand new format aims to bring even more education from the experts.

2 levels of competition:
- Round 1: Teams present knowledge-based questions in key topics, with answers centered on the authoritative ESTS Textbook and supplemented by latest updates from global experts
- Round 2: Leading surgeons from around the world give personal, real-life tips and tricks on Life as a Thoracic Surgeon … and then quiz the Teams!

Teams gain bonus points for well-reasoned explanations and well-designed questions – but can lose points if they press the buzzer before engaging brains!
In both Rounds, panels of ESTS experts will discuss the questions and answers, sharing their experience through insightful commentary.

Team Europe Captain: Isabelle Opitz CH
Katarzyna Furrer  Switzerland
Laurens Ceulemans  Belgium
Oleg Alexandrov  Russia
Javier Gonzalez  Spain
Ali Fuad Duruso  Turkey
Bo Laksafoss Holbek  Denmark
Marie-Chantel Struys  Netherlands
Sara Federici  Switzerland
Jan Viehof  Germany

Team Americas Captain: Sai Yendamuri US
Raul Caso  USA
Robert Van Haren  USA
Eric Howell  USA
Julien Hubert  Canada
Naissrene Elmadahun  USA
Rafael Lucas Costa De Carvalho  Brazil
Rodrigo Villarroel  Chile

Team Asia – Captain: Hui Li CN
Kazuhiro Minami  Japan
Nobuyuki Yoshiyasu  Japan
Kentaro Fukuta  Japan
Jae Hyun Jeon  South Korea
Nikhil Rane  India
Di Lu  China
Shaozi Fu  China
Abuduaini Tuerhong  China

OPENING CEREMONY INDUSTRY
SUNDAY 27 MAY 2018 12:00 - 13:00 h  •  EXHIBITION AREA
JUNIOR POSTER SESSION
SUNDAY 27 MAY 2018 12:00 - 13:00 h · LINHART HALL

P-01 OUTCOME AFTER PERIOPERATIVE VENO-VENOUS EXTRACORPOREAL LIFE SUPPORT AS BRIDGE TO LUNG VOLUME REDUCTION SURGERY IN PATIENTS WITH SEVERE HYPERCAPNIA: A SINGLE-CENTER PROSPECTIVE STUDY
A. Akil, I. Karfis, J. Reichelt, S. Freermann, M. Semik, S. Fischer
Ibbenbueren/DE

P-02 SELECTIVE ASSESSMENT OF EPIDURAL CATHETER PLACEMENT BY EPIDUROGRAM IN SUPPORT OF EARLY POSTOPERATIVE DECISION MAKING FOLLOWING ESOPHAGECTOMY
Seattle, WA/US

P-03 UNFORESEEN N2 DISEASE AFTER (MINIMAL) INVASIVE MEDIASTINAL STAGING OF NON–SMALL CELL LUNG CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS
J. Bousema, M. van Dorp, V. Noyez, M. Dijkgraaf, J. Annema, F. van den Broek
Veldhoven/NL, Alkmaar/NL, Leuven/BE, Amsterdam/NL

P-04 OPIOID SPARING EFFECT OF DEXAMETHASONE AS ANALGESIC ADJUVANT IN MINIMALLY INVASIVE THORACIC SURGERY
Trieste/IT

P-05 CAN LOBE-SPECIFIC LYMPH NODE DISSECTION BE AN ALTERNATIVE TO SYSTEMATIC LYMPH NODE DISSECTION IN TREATING EARLY-STAGE NON-SMALL CELL LUNG CANCER? A COMPREHENSIVE SYSTEMATIC REVIEW AND META-ANALYSIS
H. Y. Deng
Chengdu/CN

P-06 TREATMENT OF SURVEILLANCE DETECTED DISEASE AFTER RESECTION OF PRIMARY NON–SMALL CELL LUNG CANCER (NSCLC)
Seattle, WA/US, Everett, WA/US

P-07 HIGHER DOSES OF RADIATION DURING INDUCTION THERAPY FOR ESOPHAGEAL CANCER DO NOT INCREASE COMPLETE PATHOLOGICAL RESPONSE RATES OR IMPROVE SURVIVAL
M. Kamel, S. Harrison, M. Rahouma, B. Lee, J. Port, M. Shah, B. Stiles, N. Altorki

P-08 18F-FDG PET/CT-SCAN RESULTS IN STAGE-I PULMONARY ADENOCARCINOMAS ACCORDING TO IASLC/ATS/ERS CLASSIFICATION: A MULTICENTRIC ANALYSIS
Reggio Emilia/IT, Turin/IT, Novara/IT, Parma/IT, Perugia/IT, Negrar/IT
SCIENTIFIC PROGRAM - SUNDAY 27 MAY

JUNIOR POSTER SESSION
SUNDAY 27 MAY 2018 12:00 - 13:00 h · LINHART HALL

P-09 PAIN MANAGEMENT OF PATIENTS WITH RIB FRACTURES USING SERRATUS ANTERIOR CATHETER BLOCK – A NOVEL TECHNIQUE
R. Purmessur, S. Mohammed, M. Gorecha, M. Bieker, R. Steyn, B. Naidu, M. Kalkat, H. Fallouh, E. Bishay
Birmingham/UK

P-10 OUTCOME OF LARYNGOTRACHEAL SURGERY AFTER INTERVENTIONAL ENDOSCOPIC PRE-TREATMENT
T. Schweiger, I. Roesner, O.M. Glueck, M. Evermann, D.-M. Denk-Linnert, W. Klepetko, K. Hoetzenecker
Wien/AT

P-11 VATS SENTINEL NODE BIOPSY COULD REDUCE THE NEED FOR SYSTEMATIC MEDIASTINAL LYMPHADENECTOMY IN EARLY STAGE NSCLC
N. Ilic, I. Simundza, J. Juricic, D. Kronic, D. Ilic
Split/HR

P-12 CLINICAL AND FUNCTIONAL RESULTS OF PULL-DOWN HELLER-DOR AND ESOPHAGECTOMY FOR END-STAGE ACHALASIA: A PROSPECTIVE STUDY
V. Tassi, M. Lugaresi, B. Mattioli, N. Daddi, S. Mattioli
Bologna/IT
SCIENTIFIC PROGRAM - SUNDAY 27 MAY

DATABASE AND QUALITY CERTIFICATION SESSION
SUNDAY 27 MAY 2018 13:00 - 14:30 • GALLUS HALL
Chairpersons: Pierre-Emmanuel Falcoz (Strasbourg/FR)
Michele Salati (Ancona/IT)

The aim of the database session is to provide important epidemiologic and benchmark data for the general thoracic surgery practice.

13:00 Database annual report
Pierre Emmanuel Falcoz, Strasbourg/FR
13:15 Update: Institutional accreditation
Alessandro Brunelli, Leeds/UK
13:30 Merging databases: from barriers to success!
The example of the Italian VATS group audit
Michele Salati, Ancona/IT
13:40 STS – ESTS data transfer agreement: beyond the barriers
Christopher Seder, Chicago/US
13:50 What ESTS database can learn from the Dutch lung cancer audit database: The Dutch proposal
Willem Hans Steup, The Hague/NL
14:05 New insights from the Brazilian database: towards a much mature phase?
Ricardo Terra, Sao Paulo/BR
14:20 Discussion
14:30 Adjourn

ESTS-EUROPEAN RESPIRATORY SOCIETY (ERS) JOINT SESSION
SUNDAY, 27 MAY 2018 13:00 - 14:30 • LINHART HALL
Chairpersons: Luca Bertolaccini (Bologna/IT)
Torsten Gerriet Blum (Berlin/DE)

Oligometastic Lung Cancer Disease
Oligometastatic lung cancer disease includes patient with differing tumour biological behaviours prompting to individual radical treatment concepts. Neither definition of specific patient subgroups and characterization of their underlying molecular mechanisms, nor the question whether the radical treatment or oligometastatic disease itself contributes to its favourable prognosis have been satisfactorily clarified. This ESTS/ERS Joint Session will provide the latest evidence from multi-disciplinary perspectives.

13:00 Defining and characterizing oligometastatic lung cancer disease subgroups
Diego Cortinovis, Monza/It
13:15 Discussion
13:20 Non-invasive and invasive diagnostic strategies
Ales Rozman, Golnik/SI
13:40 Discussion
13:45 Evidence for surgical resections in oligometastatic lung cancer
Calvin Ng, Hong Kong/CN
14:05 Discussion
14:10 Radiotherapy in oligometastatic lung cancer – needed accessory to or valid substitute of surgery?
Paul Martin Putora, Zürich/CH
14:25 Discussion

COFFEE BREAK
SUNDAY 27 MAY 2018 14:30 - 15:00 h
**SCIENTIFIC PROGRAM - SUNDAY 27 MAY**

**CHALLENGING ONCOLOGIC CASES IN THORACIC SURGERY: A MULTIDISCIPLINARY TUMOUR BOARD SESSION**

**SUNDAY, 27 MAY 2018  15:00 - 16:00 h  •  GALLUS HALL**

Chairpersons: Hiroshi Date (Kyoto/JP)
Walter Weder (Zurich/CH)

Multidisciplinary management of stage III in the light of new treatment options

**ESTS-ENHANCED RECOVERY AFTER SURGERY (ERAS) JOINT SESSION**

**SUNDAY, 27 MAY 2018  15:00 - 16:00 h  •  LINHART HALL**

Chairpersons: Tim Batchelor (Bristol/UK)
Cecilia Pompili (Leeds/UK)

Enhanced recovery after surgery (ERAS) and patient outcomes. The role of pulmonary complications is important as this influences post-op long-term survival and quality of life. Recent studies have shown that overall compliance is more important than individual elements of an ERAS pathway. PROs and ERAS have only been reported in a small number of colorectal and orthopaedic studies, but its importance has been highlighted in a nice recent review from Boston (Senturk JC et al., 2017).

**NIGHTMARES IN THORACIC SURGERY**

**SUNDAY, 27 MAY 2018  16:00 - 17:00 h  •  GALLUS HALL**

Chairpersons: Walter Klepetko (Vienna/AT)
Gilbert Massard (Strasbourg/FR)

This session aims to highlight extreme experiences that can occur to thoracic surgeons. Situations like that are extremely demanding and challenge the team not only in a technical, but also in an emotional way. Decision making is often the key factor for success or disaster and this process will be discussed with the audience in an interactive way.
ESTS-JAPANESE ASSOCIATION OF CHEST SURGEONS (JACS) JOINT SESSION
SUNDAY, 27 MAY 2018 16:00 - 17:00 h · LINHART HALL

Chairpersons: Seiki Hasegawa (Nishinomiya/JP)
              Gunda Leschber (Berlin/DE)

16:00 Assessment of the elderly preoperatively and quality of life after lung resection
   Nuria Novoa, Salamanca/ES

16:15 Lung resection for cancer in the elderly
   Corinna Ludwig, Dusseldorf/DE

16:30 Evaluation of safety and efficacy in surgical treatment for octogenarian lung cancer patients by multicenter prospective study: JACS 1303 – results of first analysis
   Hiroshige Nakamura, Tottori/JP

16:45 Treatment strategy and decision-making for the elderly patients with early lung cancer
   Jiro Okami, Osaka/JP

17:00 Adjourn

LUNG SURGERY OF THE FUTURE
SUNDAY, 27 MAY 2018 17:00 - 18:00 h · GALLUS HALL

Chairpersons: Nuria Novoa (Salamanca/ES)
              Piergiorgio Solli (Bologna/IT)

This session is focused on crucial topics that will be relevant for our specialty in the near future and will critically influence the next generation of thoracic surgeons. The panel of renowned speakers will cover issues like the relationship between surgeons and modern interventional pulmonologists, the new armamentarium soon or already available in operative room, the existing tools to improve safety and communication within the team, the best index to measure quality and outcomes of our performances. All these subjects will play significant role in the daily clinical practice of modern thoracic surgery and will be deeply presented and enthusiastically discussed. Please do not miss the chance to take part to this session!

17:00 How does the new interventional pulmonology affect surgeons? A word of caution
   Dirk Van Raemdonck, Leuven/BE

17:15 The rise of non-technical skills: optimizing performance of individuals and teams to improve patients outcomes
   Gianluca Casali, Bristol/UK

17:30 Lung cancer: current therapies and new targeted treatments
   Alessandra Curiono, Zurich/CH

17:45 Quality and outcomes in modern thoracic surgery: the STS database perspective
   Christopher Seder, Chicago/US

18:00 Adjourn
SCIENTIFIC PROGRAM - SUNDAY 27 MAY

ESTS BIOLOGY CLUB
SUNDAY, 27 MAY 2018  17:00 - 18:00 h · LINHART HALL
Chairpersons: Isabelle Opitz (Zurich/CH)
Gaetano Rocco (Naples/IT)
Thorsten Walles (Magdeburg/DE)

- ESTS Fellowship Report
  17:00  Human lung cancer tumor models for the study of targeted drug therapy
  Max Lacour, Zurich/CH

- Screening
  17:10  Sensorial platforms for the early detection of lung cancer signatures in human breath, blood and urine
  Gaetano Rocco, Naples/IT
  17:20  Multiomic profiling for early diagnosis of malignant pleural mesothelioma
  Isabelle Opitz, Zurich/CH

- Reports from fellowships
  17:30  The role of thyroid hormone (T3) on mitochondrial DNA integrity in lung ischaemic - reperfusion injury: the effect on lung metabolism and lung function in a donation after cardiac death (DCD) rat model
  Margherita Cattaneo, Milan/IT

  17:40  Adeno-associated viral vector efficiency in rat ex-vivo lung perfusion
  Laurens Ceulmans, Leuven/BE

OPENING CEREMONY
SUNDAY 27 MAY 2018 18:00 - 18:45 h · GALLUS HALL

WELCOME RECEPTION
SUNDAY 27 MAY 2018 18:45 - 20:00 h · EXHIBITION AREA
SCIENTIFIC PROGRAM
MONDAY 28 MAY
SCIENTIFIC PROGRAM - MONDAY 28 MAY

SUNRISE SEMINARS
MONDAY 28 MAY 2018  07:00 - 08:00 h · ROOM E1-E2
Organisers: Hasan Batirel (Istanbul/TK)
Didier Lardinois (Basel/CH)

Functional recovery following lung resection: impact of surgical techniques
Alessandro Brunelli, Leeds/UK

Ground glass opacities: when to resect
Frank Detterbeck, New Haven/US

SUNRISE HANDS ON
MONDAY 28 MAY 2018  07:00 - 07:50 h · ROOM E4-E3
In this session the delegates will be able to perform bronchoscopies, with rigid and flexible bronchoscopes and see the full range of accessories utilized in the management of endobronchial pathology and stent insertion.

Sunrise 1: Diagnostic management of peripheral small lung tumours. The benefits of electromagnetic navigation bronchoscopy. In this session the delegates will have the opportunity to experience a hands on session on performing ENB following a short lecture.

Sunrise 2: Airway endoscopy and management of airway stenosis. In this session the delegates will be able to experience first hand use of rigid and flexible bronchoscopes and will have the opportunity to see and use a range of single and bifurcated silicone and metal airway stents with discussion of various introduction techniques as well as tips and tricks of safe application.

OFFICIAL OPENING
MONDAY 27 MAY 2018 08:00 - 08:15 h · GALLUS HALL

REPORT OF THE DIRECTOR OF THE ANNUAL MEETING
MONDAY 27 MAY 2018 08:15 - 08:30 h · GALLUS HALL

SESSION I - BROMPTON SESSION
MONDAY 28 MAY 2018 08:30 - 10:30 h · GALLUS HALL
Chairs: Kostas Papagiannopoulos (Leeds/UK)
Alessandro Brunelli (Leeds/UK)
Simon Jordan (London/UK)

Jury: Gaetano Rocco (Naples/IT)
Alan Sihoe (Hong Kong/CN)
Hasan Batirel (Istanbul/Turkey)

Award: ESTS Brompton Prize 2000 euros for best abstract by first author ESTS member

B-001 HIATAL HERNIA AFTER ESOPHAGECTOMY: A LARGE MULTICENTER EUROPEAN SURVEY
Discussant: Vincent Fang, Shanghai/CN

B-002 QUALITY CONTROL IN ANATOMICAL LUNG RESECTION. MAJOR POSTOPERATIVE COMPLICATIONS VS FAILURE TO RESCUE
Salamanca/ES
Discussant: Robert Cerfolio, New York/US

B-003 PREVALENCE AND RISK FACTORS FOR EPIDERMOID CARCINOMA DEVELOPMENT IN ACHALASIA PATIENTS
V. Tassi1, M. Lugaresi1, B. Mattioli1, N. Daddi1, V. Pilotti1, S. Mattioli1
1Bologna/IT, 2Cottignola/IT
Discussant: Gail Darling, Toronto/CA
SCIENTIFIC PROGRAM - MONDAY 28 MAY

B-004 TEN YEARS OF LUNG CANCER SCREENING EXPERIENCE IN GDANSK, POLAND - A COMPARATIVE STUDY OF DIAGNOSTIC WORK-UP AND SURGERY IN 11200 PARTICIPANTS OF TWO LUNG CANCER SCREENING PROGRAMMES

M. Ostrowski, T. Marjanski, W. Rzyman
Gdansk/PL
Discussant: Douglas Wood, Seattle/US

B-005 UNIPORTAL VERSUS THREEPORTAL VIDEO ASSISTED THORACIC SURGERY LOBECTOMY: ANALYSIS OF THE ITALIAN VATS GROUP DATABASE

D. Tosi¹, M. Nosotti¹, G. Bonitta¹, A. Mazzucco¹, I. Righi¹, M. Montoli¹, L. Rosso¹, A. Palleschi¹, R. Crisci²
¹Milan/IT, ²Teramo/IT
Discussant: Rene Petersen, Copenhagen/DK

B-006 TUMOR SIZE OF THYMOMA DETERMINES RECURRENCE-FREE AS WELL AS DISEASE-SPECIFIC SURVIVAL AFTER SURGICAL TREATMENT

M. Okumura¹, I. Yoshino², M. Yano³, H. Asamura⁴, K. Naga⁵, K. Yoshida⁶, H. Date⁶, K. Yoky⁷, J. Nakajima⁷, S. Miyoshi⁷
Discussant: Frank Detterbeck, New Haven/US

COFFEE BREAK
MONDAY 27 MAY 2018 10:30 - 11:00 h

INVITED LECTURE
MONDAY 28 MAY 2018 11:00 - 11:30 h • GALLUS HALL

Anthony Linegar
Durban, South Africa
MBchB, FCS(SA) Cardiothor Surg, PhD.

Introducing another world in Thoracic Surgery

ESTS DATABASE
MONDAY 28 MAY 2018 11:30 - 11:35 h • GALLUS HALL

The ESTS Database in the framework of the General Data Protection Regulation
Pierre-Emmanuel Falcoz, Strasbourg/FR
SCIENTIFIC PROGRAM - MONDAY 28 MAY

REPORT OF WORKING GROUPS
MONDAY 28 MAY 2018  11:35 -11:50 h  ·  GALLUS HALL
Alessandro Brunelli, Leeds/UK

INTRODUCTION TO THE PRESIDENT
MONDAY 28 MAY 2018  11:55 -12:05 h  ·  GALLUS HALL
Gilbert Massard
Strasbourg/FR
President Elect

PRESIDENTIAL ADDRESS
MONDAY 28 MAY 2018  12:05 -12:30 h  ·  GALLUS HALL
Kostas Papagiannopoulos
Leeds/UK
President

The Modern Thoracic Surgeon: craftsman, businessman but most of all human
SESSION II - VIDEO I
MONDAY 28 MAY 2018 12:30 - 13:30 h · LINHART HALL
Chairs: Mahmoud Ismail, Potsdam/DE
      Herbert Decaluwe, Leuven/BE

V-007 SUTURE IT DOWN, MESH IT UP: THE WAY I DO IT
M.V. Pulle, B.B. Asaf, A. Kumar
New Delhi/IN

V-008 ROBOT ASSISTED COMPLEX SEGMENTECTOMY FOR LUNG CANCER LOCATED IN THE SEGMENT 3: SIMPLE WAY TO IDENTIFY INTERSEGMENTAL PLANE WITH INTRAOPERATIVE AIR INJECTION THROUGH BRONCHUS
Tokyo/JP

V-009 FLUORESCENT GUIDED THORACOSCOPIC LUNG SEGMENTECTOMY FOR GROUND GLASS LESION WITH INTRAOPERATIVE ELECTROMAGNETIC NAVIGATIONAL BRONCHOSCOPY AND INDOCYANINE GREEN
K.N. Han, H.K. Kim, K. Lee, Y.H. Choi
Seoul/KR

V-010 SUCCESSFUL ENDOSCOPIC MANAGEMENT OF LEFT SUBCLAVIAN ARTERIAL INJURY AT THE THORACIC OUTLET
L. Ma
Chengdu/CN

V-011 ICG FLUORESCENCE-NAVIGATED THORACOSCOPIC RIGHT S9+10 SEGMENTECTOMY FOR INTRALOBAR SEQUESTRATION WITH CONGENITAL DIAPHRAGMATIC HERNIA
M. Mun, M. Nakao, Y. Matsuura, J. Ichinose, K. Nakagawa, S. Okumura
Tokyo/JP

V-012 ROBOTIC SEGMENTECTOMY AIDED BY LOCAL AND INTRAVENOUS INDOCYANINE GREEN
M. Nardini1, I. Bouabdallah2, R.J. Cerfolio3
1Catania/IT, 2Marseille/FR, 3New York, NY/US
ESTS-BRAZILIAN SOCIETY OF THORACIC SURGEONS (SBCT) JOINT SESSION
MONDAY 28 MAY 2018 13:30 - 14:30 h · GALLUS HALL
Chairpersons: Fernando Vannucci (Rio de Janeiro/BR)
                                 David Waller (London/UK)

Current issues in video-assisted thoracic surgery (VATS)
This session will include a topical and entertaining debate about the latest minimally invasive surgical approaches. Do you believe that robot assisted thoracic surgery (RATS) offers any benefits over video assisted thoracoscopy (VATS)? The session will also include a detailed appraisal of two advanced uses of VATS in the treatment of benign neurological disorders: thoracic outlet syndrome and phrenic nerve palsy. We will introduce some of Brazil's leading experts and engage in lively and information discussion. We look forward to seeing you in the audience.

VATS versus RATS for lung cancer in 2018: is there a better platform regarding postoperative outcomes, oncologic results and costs?
13:30 PRO VATS
Paula Ugalde, Quebec/CA
13:40 PRO RATS
Steven Stamenkovic, Newcastle upon Tyne/UK
13:50 Discussion
Hot topics in VATS for benign diseases
14:00 VATS approach for thoracic outlet syndrome: review and current applications
Mario Ghefter, Sao Paulo/BR
14:15 VATS alternatives for phrenic nerve palsy
Joel Dunning, Middlesbrough/UK
14:30 Adjourn

SESSION III - PULMONARY NON NEOPLASTIC
MONDAY 28 MAY 2018 13:30 - 14:30 h · LINHART HALL
Chairpersons: Marko Bitenc (Ljubljana/SI)
                                 Hermien Schreurs (Alkmaar/NL)

0-013 PULMONARY ACTINOMYCOSIS IN THE 21ST CENTURY – A MULTINATIONAL STUDY FOCUSING ON CURRENT DIAGNOSIS AND TREATMENT OF PULMONARY ACTINOMYCOSIS
M. Schweigert¹, A.B. Almeida¹, N. Solymosi², A. Dubecz³, L. Ferri⁴, A. Yankulow⁵, H. Stein³
¹Dresden/DE, ²Budapest/HU, ³Nuremberg/DE, ⁴Montreal, QC/CA, ⁵Plovdiv/BG

0-014 NINETY DAYS HOSPITAL COSTS FOLLOWING ANATOMIC LUNG RESECTIONS
Leeds/GB

0-015 DYNAMIC MRI AS OUTCOME PREDICTOR FOR LUNG VOLUME REDUCTION SURGERY
K. Martini, C. Caviezel, D. Schneider, G. Milanese, I. Opitz, W. Weder, T. Frauenfelder
Zurich/CH

0-016 DIFFERENT DOSES OF RECOMBINANT TISSUE PLASMINOGEN ACTIVATOR FOR ACUTE PULMONARY EMBOLISM IN PATIENTS UNDERWENT LUNG CANCER SURGERY: A SINGLE-CENTER EXPERIENCE
Y. Li
Shanghai/CN

0-017 EARLY EXERCISE PULMONARY DIFFUSION CAPACITY OF CO AFTER ANATOMICAL LUNG RESECTION. A WORD OF CAUTION FOR FAST-TRACK PROGRMS
N. Novoa, M.T. Gomez, M. Fuentes, J.L. Aranda, I. Rodriguez, M. Jimenez
Salamanca/ES

0-018 LUNG VOLUME REDUCTION BY STEREOTACTIC RADIOThERAPY: EARLY RESULTS OF AN INVESTIGATOR-INITIATED PHASE I/II CLINICAL TRIAL
J. Shrager¹, M. Diehn¹, M. Binkley¹, B. Loo²
¹Stanford, CA/US, ²Stanford/US
ONCOLOGY FOR SURGEONS

MONDAY 28 MAY 2018  14:30 - 15:30  ·  GALLUS HALL
Chairpersons: Diego Cortinovis (Monza/IT)
             Douglas E Wood (Seattle/US)

Multimodality Treatments in the Era of Lung Cancer Precision Medicine
The relevance of new treatment directions in lung cancer field and the role of local-regional therapies (surgical or SRS) in selected but not negligible population.

14:30 Oncogene addiction and immune addiction in lung cancer: an overview
       Diego Cortinovis, Monza/IT
14:45 Role of surgical management in oligometastatic disease
       Gaetano Rocco, Naples/IT
15:00 Concomitant radiotherapy and targeted agents
       Davide Franceschini, Milan/IT
15:15 Discussion
15:30 Adjourn

SESSION IV - MTIG VATS RESECTION

MONDAY 28 MAY 2018 14:30 - 15:40  ·  LINHART HALL
Chairpersons: Thomas Schmid (Innsbruck/AT)
              David Healy (Dublin/IE)

O-019 ENERGY IN VATS LOBECTOMY: MULTICENTRIC RANDOMIZED STUDY COMPARING ADVANCED BIPOLAR, ULTRASONIC AND COMBINED ENERGY DEVICES
P. Bagan¹, P. Berna², A. Fauradrain³, R. Zaimi¹, B. Dakhil¹
¹Argenteuil/FR, ²Amiens/FR

O-020 THE VERY EXPERIENCED TIME – HONOURED SURGEONS (VETUS) METHOD: A SELF-ASSESSMENT EVALUATION FOR SENIOR SURGEONS APPROACHING VATS LOBECTOMIES
L. Bertolaccini¹, M. Scarci², R. Crisci³, P. Solli¹, G. Rocco⁴
¹Bologna/IT, ²London/GB, ³Teramo/IT, ⁴Napoli/IT

O-021 COMPARING THE LEARNING CURVE OF ROBOTIC-ASSISTED AND VIDEO-ASSISTED THORACOSCOPIC RECURRENT LARYNGEAL LYMPH NODE DISSECTION IN ESOPHAGEAL CANCER PATIENTS
Y.-K. Chao
Taoyuan/TW

O-022 MINIMALLY INVASIVE THYMECTOMY FOR EARLY-STAGE THYMOMAS WITHOUT MYASTHENIA GRAVIS: MODIFIED SUBXIPHOID THORACOSCOPIC APPROACH VERSUS UNILATERAL THORACOSCOPIC APPROACH
H. Wang, J.-Y. Ding, C. Jin, L. Tan, Q. Wang
Shanghai/CN

O-023 AN ENHANCED RECOVERY AFTER SURGERY (ERAS) PROGRAM FOR VIDEO-ASSISTED THORACOSCOPIC ANATOMICAL LUNG RESECTIONS IS COST-EFFECTIVE
E. Abdelnour-Berchtold, V. Doucet, T. Krueger, J.Y. Perentes, A. Roth, J. Bellier, H.-B. Ris, F. Gronchi, M. Gonzalez
Lausanne/CH
SCIENTIFIC PROGRAM - MONDAY 28 MAY

0-024 BRAZILIAN RANDOMIZED CONTROLLED STUDY COMPARING ROBOTIC ASSISTED AND VIDEO ASSISTED SURGERY OUTCOMES IN PATIENTS UNDERGOING PULMONARY LOBECTOMY (BRAVO TRIAL)
Sao Paulo/BR

LBA1 RANDOMIZED PLACEBO-CONTROLLED TRIAL OF DEXAMETHASONE DURING INDUCTION OF ANESTHESIA IN LUNG CANCER THORACOSCOPIC RESECTION
Paula Ugalde Figueroa, G. Dal’Agnol, A. Vieira, H. Andrade, Y. Lacasse, J. Bussières

COFFEE BREAK
MONDAY 28 MAY 2018 15:30 - 16:00 h

LUNG CANCER SCREENING SESSION
MONDAY 28 MAY 2018 16:00 - 17:00 h - GALLUS HALL
Chairpersons: Jesper Pedersen (Copenhagen/DK)
Giulia Veronesi (Milan/IT)

Lung cancer screening with low dose CT in high risk individuals
Lung cancer CT screening aims to detect lung cancers earlier to improve radical treatment and in turn improve long term survival. European governments will soon align themselves with international recommendations and prevention policies already in place in the United States. Chest surgeons will play a central role in the screening process in Europe in the near future.

16:00 Lung cancer screening: where are we in Europe?
Giulia Veronesi, Milan/IT
16:12 How can surgeons prepare for lung cancer screening?
Jesper Pedersen, Copenhagen/DK
16:24 Cost effectiveness analysis of lung cancer screening: an update of the literature
Neal Navani, London/UK
16:36 Lung cancer screening implementation: what we can learn from the US experience
Douglas Wood, Seattle/US
16:48 Discussion
17:00 Adjourn

SESSION V - MIXED THORACIC I
MONDAY 28 MAY 2018 16:00 - 17:00 h - LINHART HALL
Chairpersons: Keith Naunheim (St Louis/US)
Zalan Szanto (Pecs/HU)

0-025 COMPLETION PNEUMONECTOMY: A MULTICENTRE INTERNATIONAL STUDY BASED ON 119 PATIENTS
P.L. Filosso1, F. Guerrera1, M. Nosotti1, P. Mendogni2, A. Terzi2, A. Viti1, F. Rea4, A. Zulin1, K. Papagiannopoulos2, P. De Leye1, L. Costardi1, D. Galetta1, E. Ruffini1, P. Bertoglio1, L. Spaggiari7
1Torino/IT, 2Milano/IT, 3Verona/IT, 4Padova/IT, 5Leeds/GB, 6Leuven/BE, 7Mila/IT, 8Negrar/IT

0-026 UNDERSTANDING THE TRADE-OFFS BETWEEN LENGTH OF STAY, READMISSIONS & EMERGENCY VISITS IN REGIONALIZED ESOPHAGECTOMY CARE USING AN ANALYSIS OF HEALTHCARE COSTS
B. Kidane1, B. Jacob2, V. Gupta2, J. Peel2, R. Saskin2, T. Waddell2, G. Darling2
1Winnipeg/CA, 2Toronto, ON/CA

0-027 IMAGING PHENOTYPE USING RADIOMICS TO PREDICT INDOLENT LUNG ADENOCARCINOMA IN PATIENTS WITH PERSISTENT PURE GROUND-GLASS NODULES
Z. Shi, C. Chen
Shanghai/CN
SESSION VI - VIDEO SESSION II

MONDAY 28 MAY 2018 16:00 - 17:00 h • ROOM E1-E2

Chairpersons: Jean Marc Baste (Rouen/FR)
Ali Zamir Khan (London/UK)

V-031 COMPLEX STERNAL RECONSTRUCTION FOLLOWING CARDIAC SURGERY USING STRATOS SYSTEM, BONE GRAFT AND OMENTOPLASTY
N. Asadi, P. Perikleous, F. De Robertis, V. Anikin
London/UK

V-032 COMPLETE PORTAL ROBOTIC SLEEVE RESECTION OF THE BRONCHUS INTERMEDIUS
R. Caso, T. Watson, M.B. Marshall
Washington, DC/US

V-033 REPEATED LUNG VOLUME REDUCTION SURGERY IN MASSIVELY DESTROYED LUNGS WITH SEVERE HYPERINFLATION
C. Caviezel, D. Schneiter, I. Schmitt-Opitz, W. Weder
Zurich/CH

V-034 PHRENIC NERVE PRESERVING SUBXIPHOID ROBOT-ASSISTED THYMECTOMY IN A CHILD WITH MEDIASTINAL LYMPHANGIOMA
Seoul/KR

V-035 AORTO-PULMONARY NON FUNCTIONING PARAGANGLIOMA ROBOTIC RESECTION
M. Nardini, M. Migliore, R.J. Cerfolio
1Catania/IT, 2New York, NY/US

V-036 A GIANT ESOPHAGEAL LEIOMYOMA EXCISION WITH ROBOTIC ASSISTANCE
New Delhi/IN
ROBOTIC SESSION

MONDAY 28 MAY 2018 17:00 - 18:00 h  •  GALLUS HALL

Chairpersons: Jens Rückert (Berlin/DE)
               Giulia Veronesi (Milan/IT)

17:00 Robotic surgery in the treatment of posterior mediastinal diseases and neurinomas
       Jens Rueckert, Berlin/DE

17:15 Robotic versus VATS major lung resection: advantages and limits
       Joel Dunning, Middlesbrough/UK

17:30 Technical aspects of robotic pneumonectomy
       Alper Toker, Istanbul/Tk

17:45 Discussion

17:00 Adjourn

SESSION VII - YOUNG INVESTIGATOR AWARD

MONDAY 28 MAY 2018 17:00 - 18:30 h  •  LINHART HALL

Chairpersons: Francesco Guerrera (Turin/IT)
               Gonzalo Varela (Salamanca/ES)

Reviewers: Gaetano Rocco (Naples/IT), Francesco Guerrera (Turin/IT), Gonzalo Varela (Salamanca/ES)

Award: ESTS - Young Investigator Award (2000 euros) for best research abstract by first author ESTS Member < 35

O-037 RANDOMISED CLINICAL TRIAL OF TRANSDERMAL FENTANYL PATCH AS PART OF FAST-TRACK THORACIC SURGERY POSTOPERATIVE PAIN MANAGEMENT PROTOCOL
A. Bistrova, K. Grigorovica, D. Breiva, I. Tracums, A. Spaks
Riga/LV
Discussant: Tim Batchelor, Bristol/UK

O-038 IS THE NEW ‘KUNTZ NERVE’ SAVIOR FOR COMPENSATORY HYPERHIDROSIS?
G. Çetinkaya1, H. Melekk2, T. Sevinç3, E. Özer4, E. Yenturk1, A.S. Bayram1, C. Gebitekin1
1Bursa/TR, 216059/TR
Discussant: Robert Cerfolio, New York/US

O-039 VIDEO-ASSISTED THORACOSCOPIC SURGERY WITH INTRAOPERATIVE CONVERSION DOES NOT CONSTITUTE A TREATMENT FAILURE WHEN COMPARED WITH UPFRONT THORACOTOMY IN LUNG CANCER SURGERY
Amiens/FR
Discussant: Marcelo Jimenez, Salamanca/ES

O-040 IMPLEMENTATION AND INITIAL EVALUATION OF A SMARTPHONE APPLICATION TO IMPROVE PERIOPERATIVE PULMONARY REHABILITATION IN ELECTIVE THORACIC SURGICAL PATIENTS
Madrid/ES
Discussant: Zalan Szanto, Pecs/HU
0-041 THE EFFECTS OF LOW SUCTION ON DIGITAL DRAINAGE DEVICES AFTER VIDEO-ASSISTED THORACOSCOPIC SURGERY LOBECTOMY – A RANDOMIZED CONTROLLED TRIAL
B.L. Holbek, M. Christensen, H.J. Hansen, H. Kehlet, R.H. Petersen
Copenhagen/DK
Discussant: Alex Brunelli, Leeds/UK

0-042 IS PLEURECTOMY/DECORTICATION FOR BIPHASIC MALIGNANT PLEURAL MESOTHELIOMA REALLY WORTHWHILE? PROPENSITY SCORE-MATCHED ANALYSIS ON A LARGE MULTICENTRIC EXPERIENCE.
F. Lococo¹, F. Torricelli¹, L. Lang-Lazdunski², G. Veronesi³, O. Rena⁴, M. Paci⁴, C. Casadio⁴, P. Novellis⁵, C. Rapicetta⁶, S. Piana⁷
T. Di Stefano⁸, C. Galeone⁹, A. Ciarrocchi⁹, A. Bille²
¹Reggio Emilia/IT, ²London/GB, ³Milan/IT, ⁴Novara/IT
Discussant: Isabelle Opitz, Zurich/CH
SUNRISE SEMINARS
TUESDAY 29 MAY 2018 07:00 - 07:50 h · E4-E3
Organisers: Hasan Batirel (Istanbul/TK)
Didier Lardinois (Basel/CH)

ECMO use: when and how in lung resections?
Walter Klepetko, Vienna/AT

How to prevent leak in minimally invasive Ivor Lewis esophagectomy
Hasan Batirel, Istanbul/TK

SUNRISE HANDS ON
TUESDAY 29 MAY 2018 07:00 - 08:00 h · E1-E2

In this session the delegates will be able to perform bronchoscopies, with rigid and flexible bronchoscopes and see the full range of accessories utilized in the management of endobronchial pathology and stent insertion.

Sunrise 1: Diagnostic management of peripheral small lung tumours. The benefits of electromagnetic navigation bronchoscopy. In this session the delegates will have the opportunity to experience a hands on session on performing ENB following a short lecture.

Sunrise 2: Airway endoscopy and management of airway stenosis. In this session the delegates will be able to experience first hand use of rigid and flexible bronchoscopes and will have the opportunity to see and use a range of single and bifurcated silicone and metal airway stents with discussion of various introduction techniques as well as tips and tricks of safe application.

SESSION VIII - INNOVATIVE/EXPERIMENTAL
TUESDAY 29 MAY 2018 08:00 - 09:00 h · GALLUS HALL
Chairpersons: Michael Lanuti (Boston/US)
Pier Luigi Filosso (Torino/IT)

Award: ESTS - Grillo Award (1000 euros) for best Innovative/Experimental abstract

O-043 THE VALUE OF ENDOSCOPIC LUNG VOLUME REDUCTION FOR SEVERE COPD WITH EMPHYSEMA USING ENDOBRONCHIAL VALVES: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
L. Bertolaccini¹, F. Minervini², G. Rocco², P. Solli¹, R. Crisò³, A. Pesco³, N. Panagiotopoulos⁴, M. Scarci⁵
¹Bologna/IT, ²Hamilton, ON/CA, ³Napoli/IT, ⁴Teramo/IT, ⁵Monza/IT, ⁶London/GB

O-044 COMPARISON OF POST-OPERATIVE PAIN AND QUALITY OF LIFE BETWEEN SUBXIPHOID AND INTERCOSTAL VATS FOR THORACIC SURGERY
J. Chen, C. Yang, L. Jiang
Shanghai/CN
SCIENTIFIC PROGRAM - TUESDAY 29 MAY

0-045 EVALUATION OF A NEW TOOL FOR SELECTING RESPONDERS PATIENTS TO ENDO-BRONCHIAL VALVE (EBV) BRONCHOSCOPIC LUNG VOLUME REDUCTION (BLVR) TREATMENT: STRATX QUANTITATIVE ANALYSIS
A. Fiorelli¹, M. Anile², L. Occhiati¹, R. Cascone¹, A. Carlucci¹, F. Cassiano², C. Andreetti², D. Diso², N. Serra¹, F. Venuta², E.A. Rendina², M. Santini¹, A. D’Andrilli²
¹Naples/IT, ²Rome/IT

0-046 NEAR-INFRARED FLUORESCENCE IMAGING OF THORACIC DUCT IN MINIMALLY INVASIVE ESOPHAGECTOMY
H. Li, F. Yang, J. Zhou, F. Yang, J. Li, J. Wang
Beijing/CH

0-047 NONINTUBATED SURGICAL BIOPSY OF UNDETERMINED INTERSTITIAL LUNG DISEASE. A MULTICENTER OUTCOME ANALYSIS
E. Pompeo¹, C. Atincaya Ozturk², F. Guerrera³, E. Ruffini³, M.A. Iñiguez-García⁴, M. Peer⁴, L. Voltolini⁴, C. Caviezel⁴, W. Weder⁴, I. Opitz⁴
¹Rome/IT, ²Instambul/TR, ³Torino/IT, ⁴Mexico City/MX, ⁵Zerifin/IL, ⁶Florence/IT, ⁷Zurich/CH

0-048 A NONINVASIVE VISUALIZING TECHNIQUE OF THE LUNG INTERSEGMENTAL PLANE USING INFRARED THERMOGRAPHY
Tokyo/JP

ESTS-SOCIETY OF THORACIC SURGEONS (STS)
JOINT SESSION
TUESDAY 29 MAY 2018  08:00 - 09:00 h · LINHART HALL
Chairpersons: Gaetano Rocco (Naples/IT) Richard Whyte (Boston/US)

08:00 Who should be doing interventional bronchoscopy?
Richard Whyte, Boston/US

08:12 T1a NSCLC: lobectomy, limited resection, SBRT or radiofrequency ablation?
John Mitchell, Colorado/US

08:24 Innovation in the thoracic surgical practice: how do you define the line between cutting edge and reckless behaviour?
Henrik Hansen, Copenhagen/DK

08:36 Completeness of training in thoracic surgery: the perfect operative logbook
Hasan Batirel, Istanbul/TR

08:48 Discussion

09:00 Adjourn
**SESSION IX - ESOPHAGUS/MEDIASTINUM**  
**TUESDAY 29 MAY 2018 09:00 - 10:00 h · GALLUS HALL**  
**Chairpersons:**  
Alper Toker (Istanbul/TK)  
Benoit D’Journo (Marseille/FR)

**O-049 USING PLAN-DO-STUDY-ACT CYCLE TO IMPROVE OUTCOMES IN ESOPHAGECTOMY PATIENTS**  
Washington, DC/US

**O-050 LYMPH NODE RESPONSE AFTER NEOADJUVANT CHEMORADIATION THERAPY FOR ESOPHAGEAL ADENOCARCINOMA: TIME FOR AN APPROPRIATE ypN CLASSIFICATION**  
Leuven/BE

**O-051 T4+T5 SYMPATHECTOMY IN THE TREATMENT OF PALMAR-PLANTAR HYPERHDROSIS-A RANDOMIZED CONTROL TRIAL**  
Y. Hu  
Chengdu/CN

**O-052 NATIONAL TRENDS AND PERIOPERATIVE OUTCOMES OF ROBOTIC THYMECTOMY. A PROPENSITY-MATCHED COMPARISON WITH OPEN AND VATS APPROACHES**  
M. Kamel\(^1\), M. Rahouma\(^1\), B. Lee\(^2\), S. Harrison\(^2\), A. Nguyen\(^1\), B. Stiles\(^2\), N. Altorki\(^1\), J. Port\(^2\)  
\(^1\)New York/US, \(^2\)New York, NY/US

**O-053 IMPACT OF INTRODUCTION OF AN ENHANCED RECOVERY PATHWAY IN ESOPHAGEAL CANCER SURGERY: A PROSPECTIVE COHORT STUDY AND PROPENSITY SCORE MATCHING ANALYSIS**  
Leuven/BE

**O-054 POSTOPERATIVE ADJUVANT RADIOTHERAPY MAY INCREASE THE RISK OF CANCER-RELATED DEATH IN ELDERLY PATIENTS WITH THYMIC CARCINOMA - A STUDY BASED ON SEER DATABASE**  
L. Zhixin, G. Jiang  
Shanghai/CN

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**ESTS-INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER (IASLC) JOINT SESSION**  
**TUESDAY 29 MAY 2018 09:00 - 10:00 h · LINHART HALL**  
**Chairpersons:**  
Ricardo Terra (Sao Paulo/BR)  
Ramon Rami Porta (Barcelona/ES)

**TNM Classification: from the 8th to the 9th Edition**

09:00 Malignant pleural mesothelioma  
Isabelle Opitz, Zurich/CH

09:15 Carcinoma of the esophagus  
Gail Darling, Toronto/CN

09:30 Thymic epithelial tumours  
Enrico Ruffini, Torino/IT

09:45 Lung cancer  
Paul Van Schil, Antwerp/BE

10:00 Adjourn
26th ESTS MEETING
27 MAY - 30 MAY 2018 • LJUBLJANA, SLOVENIA

SCIENTIFIC PROGRAM - TUESDAY 29 MAY

COFFEE BREAK
TUESDAY 29 MAY 2018 15:30 - 16:00 h

SESSION X - PULMONARY NEOPLASTIC I
TUESDAY 29 MAY 2018 10:30 - 11:30 h · GALLUS HALL
Chairpersons: Jaroslaw Kuzdzal (Krakow/PL)
Stephen Cassivi (Rochester/US)

ESTS-AATS Graham Foundation Excellence Award
Award: ESTS - American Association for Thoracic Surgery (AATS) Graham Foundation Excellence Award - 2000 euros for the best presentation in session Pulmonary Neoplastic I and Pulmonary Neoplastic II

O-055 DO INDIVIDUAL SURGEON VOLUMES AFFECT OUTCOMES IN THORACIC SURGERY?
S. Harrison1, M. Kamel2, C. Cleary1, T. Sun1, N. Altorki2, A. Sedrakyan1
1New York, NY/US, 2New York/US

O-056 IMPROVED SURVIVAL IN N2 NON-SMALL CELL LUNG CANCER: BETTER STAGING OR BETTER TREATMENT; ANALYSIS OF THE SEER DATABASE
B. Lee1, M. Kamel2, M. Rahouma1, S. Harrison1, A. Nguyen3, B. Stiles1, J. Port1, N. Altorki3

O-057 TUMOR SIZE CONTRIBUTES TO POORER SURVIVAL MORE THAN EXTENSION IN PATIENTS WITH RESECTED T4N0-1M0 NON-SMALL CELL LUNG CANCER
Q. Li1, P. Zhang1, Y. Wang2, D. Liu3, L. Luo4, R. Diasio5, P. Yang6, G. Jiang1
1Shanghai/CN, 2Wenzhou/CN, 3Chengdu/CN, 4Guiyang/CN, 5Rochester, MN/US

O-058 LIMITED RESECTION IS INFERIOR TO LOBECTOMY FOR LUNG CANCER 2-5 CM IN SIZE
A. Sedrakyan, J. Mao, S. Harrison, B. Lee, J. Port, N. Altorki, B. Stiles
New York, NY/US

O-059 PRIMARY TUMOR RESECTION OF NON-SMALL CELL LUNG CANCER PATIENTS WITH IPSILATERAL PLEURAL DISSEMINATION (M1A): A POPULATION-BASED STUDY
Z. Sun, H. Li, T. Liu, X. Sui, F. Yang, J. Wang
Beijing/CN

O-060 INCIDENCE AND DISTRIBUTION OF MEDIASTINAL LYMPH NODE METASTASIS AND IT’S IMPACT ON SURVIVAL IN PATIENTS WITH NON-SMALL CELL LUNG CANCER LESS THAN 3CM: DATA FROM 2292 CASES
M.-Z. Yang, R.-B. Liang, J. Yang, S. Li, H. Long, J. Fu, L.-J. Zhang, P. Lin, X. Wang, T. Rong, H.-X. Yang
Guangzhou/CN
MEDICO LEGAL SESSION:
HOW TO AVOID PROBLEMS
TUESDAY 29 MAY 2018 10:30 - 11:30 h • LINHART HALL
Chairpersons: Kostas Papagiannopoulos (Leeds/UK)
Laureano Molins (Barcelona/ES)

10:30 The ideal and impartial medical expert: tips from a lawyer
Kostas Papagiannopoulos, Leeds/UK
10:45 How to establish and maintain a safe clinical practical and
avoid litigation
Yolanda Jimenez De Anta, (Barcelona/ES)
11:00 When things go wrong: the medical expert in trouble
Claire Newstead, Leeds/UK
11:15 Case presentation

There will be a case presentation for five minutes followed by
discussion

By the panel of experts. The discussants will play the role of the
solicitor from Claimant and Defendant side and will respectively
discuss facts and evidence required and submitted to Claim or
Defend a case.

11:30 Adjourn

SESSION XI - PULMONARY NEOPLASTIC II
TUESDAY 29 MAY 2018 11:30 - 12:30 h • GALLUS HALL
Chairpersons: Masayuki Chida (Masayuki Chida)
Enrico Ruffini (Torino/IT)

ESTS-AATS Graham Foundation Excellence Award
Award: ESTS - American Association for Thoracic Surgery (AATS) Graham Foundation Excellence Award - 2000 euros for the best
presentation in session Pulmonary Neoplastic I and Pulmonary Neoplastic II

O-061 LOBECTOMY FOR PRIMARY TUMOUR SHOWED BETTER OUTCOME THAN LIMITED RESECTION AMONG M1A STAGE NSCLC
ONLY WITH PLEURAL SEEDING: AN ANALYSIS FROM THE SURVEILLANCE, EPIDEMIOLOGY AND END RESULTS (SEER) DATABASE
W. Hao, L. Jixian, C. Baokun, M. Zhimin, W. Da
ShenZhen/CN

O-062 NEW PROPOSAL FOR THE CLINICAL T CLASSIFICATION OF MULTIPLE PRIMARY LUNG CANCERS BASED ON THE PRESENCE
OF GGO COMPONENT ON THIN-SECTION COMPUTED TOMOGRAPHY
A. Hattori, T. Matsunaga, K. Takamochi, S. Oh, K. Suzuki
Tokyo/JP

O-063 ADJUVANT TREATMENTS FOR PATIENTS WITH COMPLETED RESECTED SMALL CELL LUNG CANCER
K. Jin, P. Zhang, G. Jiang
Shanghai/CN

O-064 PROPOSAL FOR THE STRATIFICATION OF NODAL STAGE CLASSIFICATION - COMBINATION OF THE NUMBER AND ANATOMICAL
LOCATION OF METASTATIC LYMPH NODES
Kashiwa/JP
SCIENTIFIC PROGRAM - TUESDAY 29 MAY

0-065 QUALITY OF PERIOPERATIVE CARE IN ANATOMICAL LUNG RESECTIONS IN THE NETHERLANDS
E. von Meyenfeldt1, F. Hoeijmakers2, E. van Thiel1, G. Marres1, H. Schreurs3
1Dordrecht/NL, 2Leiden/NL, 3Alkmaar/NL

0-066 NOMOGRAM BASED ON RADIOMIC AND CLINICAL FEATURES TO PREDICT THE EPIDERMAL GROWTH FACTOR RECEPTOR
D. Xie, Y. She, G. Jiang, C. Chen
Shanghai/CN

ESTS-CHEST WALL INTERNATIONAL SOCIETY GROUP (CWIG) JOINT SESSION
TUESDAY 29 MAY 2018 11:30 - 12:30 h · LINHART HALL
Chairpersons: Jose Ribas Milanez de Campos (Sao Paulo/BR)
Marco Scarci (London/UK)

New Strategies and Safety for Surgical Management of the Chest Wall

The ESTS-CWIG joint session aims at bringing together recognised experts from both organisations and to offer an update on the latest techniques and new ideas.

11:30 New tricks and tools for pectus excavatum to increase safety
Hyung Joo Park, Seoul/KR
11:45 Evaluation tools and clinical behavior after correction of pectus excavatum with minimally invasive repair (MIRPE)
Hans Pilegaard, Aarhus/DK
12:00 Complex chest wall reconstruction with multi specialty involvement
Gaetano Rocco, Naples/IT
12:15 Rib fixation: friend or foe?
Kostas Papagiannopoulos, Leeds/UK
12:30 Adjourn

EXTRAORDINARY GUEST LECTURE
TUESDAY 29 MAY 2018 12:30 - 13:00 h · GALLUS HALL

Matevž Lenarčič
Green Light World Flight - Aviation for Science - Black Carbon Pollution Research

Matevž Lenarčič is experienced long distance flier. He has flown for more than 3500+ hours all over the world, mostly with his ultra light airplane and other single engine aircrafts. He holds PPL - private pilot license with IFR - (instrumental flight rules) rating, night qualification, and ULPL - ultralight pilot license.

Matevž Lenarčič has graduated in biology. An alpinist, paraglider, environmentalists, photographer and a pilot, he has climbed all over the world and among others reached the top of 8051m Broad Peak in Himalaya and climbed extreme routes in Patagonia. He is author of 12 books (nature, photography, climbing and flying), some of them awarded and translated in several languages. He is also founder and director of Aerovizija d.o.o., company for aerial survey.
JUNIOR LUNCH SYMPOSIUM
TUESDAY 29 MAY 2018  13:00 - 14:00 h  ·  ROOM E1-E2
Chairpersons:  Anna Frick (Leuven/BE)
               Hasan Batirel (Istanbul/TK)

Surgeons in Training
The junior lunch symposium is a dedicated session designed to facilitate debate and discussion on important issues facing thoracic surgical trainees. The session has an exciting mix of both clinical and research topics facilitated by both consultants and trainees.

13:00  Incorporating simulation in thoracic surgical residency programs
       Rene Petersen, Copenhagen/DK

13:15  The best three papers about simulation and thoracic surgery published last year
       Anna Frick, Leuven/BE

13:30  How to access surgical abilities following simulation training?
       Tomaz Stupnik, Ljubljana/SI

13:45  Will 3D printing change simulation and preoperative surgical evaluation?
       Toshiaki Morikawa, Tokyo/JP

14:00  Adjourn
SESSION XII - CHEST WALL/DIAPHRAGM/PLEURA
TUESDAY 29 MAY 2018 14:00 - 15:00 h · GALLUS HALL

Chairpersons: Tomasz Grodzki (Szczecin/PL)
               Meinoshin Okumura (Osaka/JP)

Award ESTS-MedXpert: Registration to ESTS Course on Chest Wall Surgery, 24-26 September 2018, Hamburg, Germany for best abstract

O-067 INFLAMMATORY INDICES ARE SIGNIFICANTLY ELEVATED IN PATIENTS WITH MALIGNANT PLEURAL EFFUSION: ON BEHALF OF THE ESTS PLEURAL EFFUSION WORKING GROUP
A. Antonopoulos¹, M. Scarci¹, S. Mitsos¹, D. Patrini¹, M. Hayward¹, N. Panagiotopoulos¹, D.R. Lawrence¹, K. Papagiannopoulos², R. George¹
¹London/GB, ²Leeds/GB

O-068 VIDEO-ASSISTED THORACOSCOPIC SYMPATHECTOMY VERSUS MODIFIED WITTMOSER METHOD IN SURGICAL MANAGEMENT OF PRIMARY HYPERHYDROSIS
D. Divisi, G. Zaccagna, F. Gabriele, M. Vaccarill, W. Di Francescantonio, R. Crisci
Teramo/IT

O-069 FREE MUSCULOCUTANEOUS FLAP TRANSPLANTATION IN THE TREATMENT OF CHRONIC INTRACTABLE EMPYEMA: A SINGLE INSTITUTE 13-YEAR EXPERIENCE WITH 21 CONSECUTIVE CASES
L. Jiaqi, W. hai feng, X. Boxiong, J. Gening
Shanghai/CN

O-070 SEALING EVALUATION OF AIR LEAKS AFTER LUNG SURGERY (SEALLS) TRIAL: PRELIMINARY RESULTS OF A PROSPECTIVE RANDOMIZED CLINICAL TRIAL
F.J. Moradiellos, S. Amor, A.P. Valdebenito, M. Córdoba, A. Varela
Pozuelo De Alarcón, Madrid/ES

O-071 A COMBINATION OF THREE TUMOR MARKERS FOR THE MANAGEMENT OF MESOTHELIOMA
A. Nakamura¹, M. Hashimoto², A. Fukuda³, T. Nakamichi⁴, A. Kuroda³, T. Takuwa³, S. Matsumoto³, N. Kondo³, S. Hasegawa³
¹Hyogo/JP, ²Zurich/CH, ³Nishinomiya/JP

O-072 THE INITIAL EXPERIENCE OF USING BIOMATERIAL ARTIFICIAL RIB FOR CHEST WALL RECONSTRUCTION IN THORACIC SURGERY
L. Zhang, Y. Wen
Guangzhou/CN
SESSION XIII - INTERESTING CASES
TUESDAY 29 MAY 2018 14:00 - 15:00 h · LINHART HALL
Chairpersons: Corinna Ludwig (Koln/DE)  
Willem Steup (The Hague/NL)

0-073 MULTIORGAN HYDATIDOSIS WITH VV ECMO SUPPORT. A THERAPEUTIC AND SURGERY CHALLENGE
A. Asaftei, C. paleru, I. Cordos, R. Istrate, O. Danaila
Bucharest/RO

0-074 INSTABILITY OF THE AIRWAY AFTER EXTENDED PLEURAL LOBECTOMY: HOW TO DETECT IT
R. Bumm, G. Somaini, P. Ludwig, T.D. Latshang, M. Furrer
Chur/CH

0-075 CHALLENGING DIAGNOSIS AND TREATMENT OF CHRONIC THROMBOEMBOLIC HYPERTENSION IN THE SETTING OF ACUTE PULMONARY EMBOLISM
Zurich/CH

0-076 OPTIMIZATION OF LUNG FUNCTION DURING EX-VIVO LUNG PERFUSION
L. Rosso¹, A. Palleschi¹, A. Zanella¹, D. Tosi¹, P. Mendogni¹, I. Righi¹, E. Scotti¹, M. Nosotti²
¹Milan/IT, ²Milano/IT

0-077 SAFE RESECTION OF THE LEFT SUBCLAVIAN ARTERY INFILTRATED BY LOCALIZED MALIGNANT PLEURAL MESOTHELIOMA AFTER THORACIC AORTIC ENDOGRAFTS
Tokyo/JP

0-078 A RARE COMPLICATION AFTER THE RESECTION OF SUPERIOR SULCUS TUMOUR
S. Yazgan, S. Gürsoy, A. Üçvet, A. Acar, Ö. Samancılar, F. Özer
İzmir/TR
SESSION XIV - VIDEO III
TUESDAY 29 MAY 2018 15:00 - 16:00 h · GALLUS HALL
Chairpersons: Michael Mueller (Vienna/AT)
            Igor Poliakov (Krasnodar/RU)

V-079 TREATMENT OF A COMPLEX TRACHEA-ESOPHAGEAL PATHOLOGY
T. Cosgun, E. Kaba, B. Basaran, K. Ayalp, M.R. Alomari, A. Toker
Istanbul/TR

V-080 PARENCHYMA-SPARING RESECTION OF THE LEFT MAIN BRONCHUS: AN UNUSUAL MANAGEMENT
L. Gust, G. Brioude, J. Alingrin, P. Thomas
Marseille/FR

V-081 BRONCHO VASCULAR SLEEVE RESECTION OF RIGHT MIDDLE LOBE WITH N1 LUNG SQUAMOUS CELL CARCINOMA
Yokohama/JP

V-082 PLEURECTOMY/DECORTICATION FOR PLEURAL DISSEMINATION OF PSEUDOMYXOMA PERITONEI FROM THE CAECUM
Ube/JP

V-083 CARINAL RESECTION AND DOUBLE BARREL RECONSTRUCTION FOR BRONCHIAL STUMP RECURRENCE AFTER RIGHT UPPER LOBECTOMY FOR LUNG CANCER
Y. Watanabe, T. Matsunaga, K. Takamochi, S. Oh, K. Suzuki
Tokyo/JP

V-084 TRACHEO-BRONCHOPLASTY FOLLOWING RIGHT UPPER LOBE SLEEVE RESECTION COMBINED WITH TRACHEAL RESECTION
T. Yamada, S. Nagai, S. Kumata, H. Matsumiya, R. Watanabe, T. Matsuoka, K. Matsuoka, M. Ueda, Y. Miyamoto
Himeji/JP

ESTS LUNG TRANSPLANT WORKING GROUP SESSION
TUESDAY 29 MAY 2018 15:00 - 16:00 h · LINHART HALL
Chairpersons: Clemens Aigner (Essen/DE)
            Ilhan Inci (Zurich/CH)

Complications after lung transplantation of interest to general thoracic surgeons
15:00 Bronchial complications: prevention, causes, ISHLT grading and management
        Konrad H Hoetzenecker, Vienna/AT
15:15 Pleural space complications: oversizing or undersizing of allograft, bronchopleural fistula, empyema
        Paula Moreno, Cordoba/ES
15:30 Wound and nerve complications: infection, chondritis, herniation, sternal disunion, injury to phrenic and vagal nerves
        Marco Schiavon, Padua/IT
15:45 Lung cancer in transplant recipients: cancer in explanted lung, in native lung, in the allograft
        Dirk Van Raemdonck, Leuven/BE
16:00 Adjourn
SCIENTIFIC PROGRAM - TUESDAY 29 MAY

COFFEE BREAK
TUESDAY 29 MAY 2018 16:00 - 16:30 h

SESSION XV - TRANSPLANT
TUESDAY 29 MAY 2018 16:30 - 17:30 h • GALLUS HALL
Chairpersons: Paula Moreno (Cordoba/ES)
                  Dirk Van Raemdonck (Leuven/BE)

0-085 TRACHEAL RESECTION IN STENOSIS AND ANASTOMOSIS PLUS THE APPLICATION OF COLLAGEN POLYVINYLPYRROLIDONE AS A MODULATOR OF HEALING
M.A. Iñiguez-Garcia, E. Guzman
Mexico City/MX

0-086 IS DOUBLE-LUMEN ENDOBRONCHIAL TUBE COMFORTABLE AT EXTUBATION? SUPRAGLOTTIC AIRWAY AS A NEW METHOD TO PREVENT LUNG INJURY ASSOCIATED WITH COUGHING AFTER PULMONARY LOBECTOMY
Tokyo/JP

0-087 TREATMENT OF DONOR LUNGS WITH PERFLUOROCARBON BASED OXYGEN CARRIER DURING EX VIVO LUNG PERFUSION IN UNCONTROLLED DONATION AFTER CARDIAC DEATH
I. Iskender1, T. Maeyashiki2, S. Arni2, M. Lipiski2, S. Fehlings1, T. Frauenfelder1, M.P. Krafft3, D.R. Spahn1, W. Weder1, I. Inci1
1Zurich/CH, 2Zürich/CH, 3Strasbourg/FR

0-088 LATE AIRWAY COMPLICATIONS AFTER LUNG TRANSPLANTATION COULD BE PREDICTED WITH AUTO-FLUORESCENCE BRONCOSCOPY
L. Rosso, R. Carrinola, A. Palleschi, G. Bonitita, M. Montoli, V. Rossetti, L. Gherzi, M. Nosotti
Milan/IT

0-089 ASSESSMENT OF UNILATERAL CHRONIC LUNG ALLOGRAFT DYSFUNCTION USING INSPIRATORY AND EXPIRATORY COMPUTED TOMOGRAPHIC VOLUMETRY IN BILATERAL LIVING-DONOR LOBAR LUNG TRANSPLANTATION
Kyoto/JP

0-090 POSTINTUBATION MULTISEGMENTAL TRACHEAL STENOSIS, A 24-YEAR EXPERIENCE
Tehran/IR
LIFE CYCLE OF A SURGEON
TUESDAY 29 MAY 2018 16:30 - 17:30 h · LINHART HALL

Chairpersons: Keith Naunheim (St Louis/US)
               Gonzalo Varela (Salamanca/ES)

16:30  From residency to faculty. On mentorship, expectations and planning
       John Agzarian, Hamilton/CA

16:45  Integrating practice and research in non-academic environment.
       Alessandro Brunelli, Leeds/UK

17:00  The life cycle of a female surgeon
       Shanda Blackmon, Rochester/US

17:15  Learning to leave
       Gonzalo Varela, Salamanca/ES

17:30  Adjourn

GENERAL ASSEMBLY
TUESDAY 29 MAY 2018 17:30 - 18:00 h
SCIENTIFIC PROGRAM
WEDNESDAY 30 MAY
SCIENTIFIC PROGRAM - WEDNESDAY 30 MAY

SESSION XVI - MIXED THORACIC II
WEDNESDAY 30 MAY 2018 09:00 - 10:00 h • GALLUS HALL
Chairpersons: Oleg Pikin (Moscow/RU), Jozsef Furak (Szeged, Hungary)

0-091 THE CURRENTLY USED NODAL STAGE CLASSIFICATION OR THE NUMBER OF METASTATIC LYMPH NODES AND THE NUMBER OF METASTATIC LYMPH NODE STATIONS; WHICH OF THOSE IS THE BEST PROGNOSTIC FACTOR IN COMPLETELY RESECTED NSCLC PATIENTS?
N. Citak, Y. Aksoy, Ö. İşgörücü, Ç. Obuz, B. Açıkgöze, S. Büyükakle, M. Metin, A. Sayar
Istanbul/TR

0-092 TREATMENT OF PULMONARY ARTERIAL HYDATIDOSIS: IS PULMONARY ENDARTERECTOMY EFFECTIVE?
N.O. Ermerak, S. Yıldızeli, S. Gezer Tas, M. Yanartas, B. Yıldızeli
Istanbul/TR

0-093 PROGNOSTIC IMPACT OF THE INTEGRATION OF VOLUMETRIC QUANTIFICATION OF THE SOLID-PART ON THREE-DIMENSIONAL CT AND FDG-PET IMAGING IN CLINICAL STAGE IA ADENOCARCINOMA OF THE LUNG
Tokyo/JP

0-094 PATHOLOGICAL COMPLETE RESPONSE (YPT0N0) AFTER INDUCTION TREATMENT: WHERE IS YPT0N0’S PLACE IN THE TNM CLASSIFICATION?
Bursa/TR

0-095 INCREASE IN VOLUME AND QUALITY IN LUNG CANCER SURGERY
S. Solberg1, Y. Nilssen1, M. Aanerud2, O.T. Brustugun1, T. Grimsrud1, P.M. Haram3, N. Helbakkmo3, Å. Helland4, H.H. Hjelde4, B. Jakobsen4, B. Møller1, M. Petersen7, T.-E. Strand1, S. Wahl4, L. Fjellbirkeland1
1Oslo/NO, 2Bergen/NO, 3Drammen/NO, 4Trondheim/NO, 5Tromsø/NO, 6Molde/NO, 7Stavanger/NO

0-096 DOES THORACOSCORE EFFICIENTLY PREDICT EARLY MORTALITY IN THORACIC SURGICAL PATIENTS? LARGEST SINGLE CENTRE RETROSPECTIVE VALIDATION
B. Szafron, R. Shah, P. Krysiak, K. Rammohan, E. Fontaine, J. Thekkudan, F. Granato
Manchester/UK
SCIENTIFIC PROGRAM - WEDNESDAY 30 MAY

VATS CLINIC: TIPS, TRICKS AND HOW TO AVOID COMPLICATIONS
WEDNESDAY 30 MAY 2018 09:00 - 10:00 h • LINHART HALL
Chairpersons: Rene Petersen (Copenhagen/DK)
Pascal Thomas (Marseille/FR)

09:00 3D imaging and segmentectomy
Stephen Cassivi, Rochester/US
09:15 VATS atypical segmentectomy
Dominique Gossot, Paris/FR
09:30 Lymph node dissection during VATS segmentectomy
Herbert Decaluwe, Leuven/BE
09:45 VATS segmentectomy – handling intersegmental plane
Tadusa Kohno, Tokyo/JP
10:00 Adjourn

COFFEE BREAK
WEDNESDAY 30 MAY 2018 16:00 - 16:30 h

ESTS-CENTRAL EUROPEAN SOCIETIES JOINT SESSION
WEDNESDAY 30 MAY 2018 10:30 - 11:30 h • GALLUS HALL
Chairpersons: Tomaz Stupnik (Ljubljana/SI)
Piotr Yablonskii (St Petersburg/RU)

10:30 Surgical management of the echinococcal and other parasitic infections in the chest
Danail Petrov, Sofia/BG
10:45 Thoracic fungal infections - when to resect and when not to resect
Tomaz Stupnik, Ljubljana/SI
11:00 Surgical management of TB complications and use of TB procedures in the management of complications of major thoracic resections
Piotr Yablonskii, St Petersburg/RU
11:15 Bacterial infections: management of complicated parapneumonic effusions, pleural empyema and pulmonary abscess
Ivan Kuhajda, Sremska Kamenica/SRB
11:30 Adjourn
"How I do it" video session presenting tips and tricks of the less common anatomic segmentectomies and lymph node dissection

10:30 VATS non-grasping en bloc mediastinal lymph node dissection
Lunxu Liu, Chengdu/CN

10:40 VATS unusual segmentectomy
Shugeng Gao, Beijing/CN

10:50 VATS unusual segmentectomy
Qun Wang, Shanghai/CN

11:00 Magnetic lung grasper
Firas Abu Akar, Jerusalem/PS

11:10 Vagus nerve preservation during minimally invasive esophagectomy with two-field lymphadenectomy for esophageal carcinoma: a more physiological alternative
Yin Li, Zhengzhou/CN

11:20 Uniportal VATS left S7+8 resection
Hu Xuefei, Shanghai/CN

Three video clips by young surgeons selected by CATS:

11:30 MIE after neoadjuvant chemotherapy
Yang Hu, Sichuan/CN

11:40 Uniportal VATS left upper lobectomy
Haoxian Yang, Guangdong Sheng/CN

11:50 The thoracoscopic bronchial sleeve resection of the right upper lobe
Chuan Xu, Guizhou Sheng/CN

12:00 Adjourn
JUNIOR POSTERS
Sunday 27 May 2018
12:00 - 13:00

P-01 OUTCOME AFTER PERIOPERATIVE VENO-VENOUS EXTRACORPOREAL LIFE SUPPORT AS BRIDGE TO LUNG VOLUME REDUCTION SURGERY IN PATIENTS WITH SEVERE HYPERCAPNIA: A SINGLE-CENTER PROSPECTIVE STUDY
A. Akil, I. Karfis, J. Reichelt, S. Freermann, M. Semik, S. Fischer
Ibbenbueren/DE

P-02 SELECTIVE ASSESSMENT OF EPIDURAL CATHETER PLACEMENT BY EPIDUROGRAM IN SUPPORT OF EARLY POSTOPERATIVE DECISION MAKING FOLLOWING ESOPHAGECTOMY
Seattle/US

P-03 UNFORESEEN N2 DISEASE AFTER (MINIMAL) INVASIVE MEDIASTINAL STAGING OF NON-SMALL CELL LUNG CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS
J. Bousema1, M. van Dorp2, V. Noyez3, M. Dijkgraaf4, J. Annema4, F. van den Broek4
1Veldhoven/NL, 2Alkmaar/NL, 3Leuven/BE, 4Amsterdam/NL

P-04 OPIOID SPARING EFFECT OF DEXAMETHASONE AS ANALGESIC ADJUVANT IN MINIMALLY INVASIVE THORACIC SURGERY
Trieste/IT

P-05 CAN LOBE-SPECIFIC LYMPH NODE DISSECTION BE AN ALTERNATIVE TO SYSTEMATIC LYMPH NODE DISSECTION IN TREATING EARLY-STAGE NON-SMALL CELL LUNG CANCER? A COMPREHENSIVE SYSTEMATIC REVIEW AND META-ANALYSIS
H. Y. Deng
Chengdu/CN

P-06 TREATMENT OF SURVEILLANCE DETECTED DISEASE AFTER RESECTION OF PRIMARY NON-SMALL CELL LUNG CANCER (NSCLC)
1Seattle, WA/US, 2Everett, WA/US

P-07 HIGHER DOSES OF RADIATION DURING INDUCTION THERAPY FOR ESOPHAGEAL CANCER DO NOT INCREASE COMPLETE PATHOLOGICAL RESPONSE RATES OR IMPROVE SURVIVAL
M. Kamel, S. Harrison, M. Rahouma, B. Lee, J. Port, M. Shah, B. Stiles, N. Altorki
1New York, /US

P-08 18F-FDG PET/CT-SCAN RESULTS IN STAGE-I PULMONARY ADENOCARCINOMAS ACCORDING TO IASLC/ATS/ERS CLASSIFICATION: A MULTICENTRIC ANALYSIS
F. Lococo1, F. Guerrera2, O. Rena3, L. Ampolinil4, J. Vannucci5, P. Bertoglio6, P. Carbognani7, P. Lyberis8, P. L. Filosso9, A. Oliaro9, C. Casadio9, A. Viti10, M. Pacci11, F. Puma12, E. Ruffinì12
1Reggio Emilia/IT, 2Torino/IT, 3Novara/IT, 4Parma/IT, 5Perugia/IT, 6Negrar/IT
JUNIOR POSTERS
Sunday 27 May 2018
12:00 - 13:00

P-09 PAIN MANAGEMENT OF PATIENTS WITH RIB FRACTURES USING SERRATUS ANTERIOR CATHETER BLOCK – A NOVEL TECHNIQUE
R. Purmessur, S. Mohammed, M. Gorecha, M. Bieker, R. Steyn, B. Naidu, M. Kalkat, H. Fallouh, E. Bishay
Birmingham/UK

P-10 OUTCOME OF LARYNGOTRACHEAL SURGERY AFTER INTERVENTIONAL ENDOSCOPIC PRE-TREATMENT
T. Schweiger, I. Roesner, O.M. Glueck, M. Evermann, D.-M. Denk-Linnert, W. Klepetko, K. Hoetzenecker
Wien/AT

P-11 VATS SENTINEL NODE BIOPSY COULD REDUCE THE NEED FOR SYSTEMATIC MEDIASTINAL LYMPHADENECTOMY IN EARLY STAGE NSCLC
N. Ilic, I. Simundza, J. Juricic, D. Kmic, D. Ilic
Split/HR

P-12 CLINICAL AND FUNCTIONAL RESULTS OF PULL-DOWN HELLER-DOR AND ESOPHAGECTOMY FOR END-STAGE ACHALASIA: A PROSPECTIVE STUDY
V. Tassi, M. Lugaresi, B. Mattioli, N. Daddi, S. Mattioli
Bologna/IT
POSTERS AWARD:
ESTS – GREEK PIONEERS PRIZE 500 EUROS FOR THE BEST POSTER

P-13 LIFE-THREATENING CARDIOVASCULAR COMPLICATIONS RELATED TO PECTUS EXCAVATUM SURGERY
J. De Wolf, V. Loobuyck, E. Brian, A. Wurtz
1Suresnes/FR, 2Lille/FR, 3Paris/FR

P-14 PERIOPERATIVE INFLAMMATION STATUS PREDICTS POSTOPERATIVE SURVIVAL OF COMPLETELY RESECTED NON-SMALL CELL LUNG CANCER
Kyoto/JP

P-15 LONG-TERM RESULTS AFTER SURGICAL RESECTION FOR SYNCHRONOUS OR METACHRONOUS PULMONARY AND HEPATIC COLORECTAL METASTASES: WHO ARE THE BEST CANDIDATES?
1Reggio Emilia/IT, 2Rome/IT

P-16 SURGICAL STRATEGY FOR SECOND SURGERY AFTER PRIOR PULMONARY LOBECTOMY: THE SAFETY OF BILATERAL PULMONARY LOBECTOMY
Kashiwa/JP

P-17 INTRATUMORAL VESSEL INVASION (VASCULAR AND LYMPHATIC INVASION) HAS AN ADVERSE EFFECT TO THE SURVIVAL OF PATIENTS WITH NSCLC AND MAY BE PREDICTED BY PREOPERATIVE 18F-FDG PET
Kagawa Kitagun/JP

P-18 ANALYSIS OF RECURRENCE AFTER INTENTIONAL SEGMENTECTOMY FOR PERIPHERAL SMALL LUNG CANCER
W. Nishio
Akashi/JP

P-19 SAFETY AND FEASIBILITY OF TUBELESS SINGLE PORT THORACOSCOPIC LUNG RESECTION SURGERY
P.-K. Hsu, C.-Y. Liu, C.-C. Hsieh, C.-K. Ting, M.-Y. Tsou
Taipei/TW

P-20 DO PRE-OPERATIVE ACTIVITY LEVELS INFLUENCE POST-OPERATIVE COMPLICATIONS IN PATIENTS UNDERGOING ANATOMICAL LUNG RESECTION? – THE USE OF PEDOMETERS
J. Buxton, A. Viviano, D. Gammon, L. Veres, T. Routledge, A. Bille
London/UK

P-21 POSTOPERATIVE COMPLICATIONS AND PERIOPERATIVE MANagements for LUNG RESECTION WITH POST- ESOPHAGECTOMY FOR ESOPHAGEAL CANCER
Y. Watanabe, T. Matsunaga, K. Takamochi, S. Oh, K. Suzuki
Tokyo/JP
POSTERS

P-22 SECRETORY PHOSPHOLIPASE A2 IIA INHIBITION IN NON-SMALL CELL LUNG CANCER DECREASES PGE2 PRODUCTION AND LUNG CANCER INVASIVENESS THROUGH THE ICAM-1 PATHWAY
Aurora/US

P-23 INTRAOPERATIVE NAVIGATION SYSTEM FOR VATS SEGMENTECTOMY; IDENTIFICATION AND CONFIRMATION
S.S. Chang1, T. Nakano1, N. Nakashima1, T. Go2, H. Yokomise1, T. Okamoto2, N. Misaki
1Kagawa Kitagun/JP, 2Kochi-city, Kochi/JP

P-24 PREDICTION OF PATHOLOGICAL INVASIVE SIZE IN PATIENTS WITH CLINICAL IA LUNG ADENOCARCINOMA
Yokohama/JP

P-25 ANALYSIS OF PATHOLOGICAL NON-INVASIVE LUNG ADENOCARCINOMA WITH A TUMOR DIAMETER LARGER THAN 3 CM –SHOULD THESE CASES BE CLASSIFIED AS T1A? –
Yokohama/JP

P-26 INTEGRATION OF TISSUE PD-1/PD-L1 IMMUNE CHECKPOINT WITH CT BASED TEXTURE ANALYSIS EXHIBITS HIGH PROGNOSTIC IMPACT ON SURGICALLY RESECTED NSCLC
Parma/IT

P-27 OUTCOMES AND PROGNOSTIC FACTORS FOR SURVIVAL IN NON-SMALL-CELL LUNG CANCER PATIENTS WITH IIIA-N2 DISEASE TREATED WITH INDUCTION THERAPY FOLLOWED BY SURGERY: A MULTI-INSTITUTIONAL STUDY BY THE ONCOLOGIC GROUP FOR THE STUDY OF LUNG CANCER (SEOR)

P-28 EXTERNAL VALIDATION OF THE EUROLUNG1 SCORE FOR RISK STRATIFICATION PRIOR TO THORACOSCOPIC LOBECTOMY
R. Zhang, T. Kyriss, E. Boedeker, G. Friedel
Gerflingen/DE

P-29 POSTOPERATIVE PAIN MANAGEMENT IN VIDEO-ASSISTED THORACIC SURGERY (VATS) USING TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION (TENS) AND PARAVERTEBRAL BLOCK: A PROSPECTIVE STUDY
J.J. Fibla, J. Hernandez, A. Guirao, L. Molins
Barcelona/ES
POSTERS

P-30 IS SMOKING STATUS ASSOCIATED WITH RISK FACTORS FOR POSTOPERATIVE DELIRIUM IN LUNG CANCER PATIENTS?
Tokyo/JP

P-31 ANTI-TUBERCULOSIS TREATMENT AFTER PULMONARY TUBERCULOUS NODULES RESECTION IS UNNECESSARY: A SINGLE CENTER RETROSPECTIVE STUDY
C. Wang, S. Liu, W. Kang, Q. Liang, H. Lin, Z. Zhou, L. Yang
Beijing/CN

P-32 THORACIC BLEEDING COMPLICATIONS IN PATIENTS WITH VENO-VENOUS EXTRACORPOREAL MEMBRANE OXYGENATION
M. Ried, L. Sommerauer, R. Neu, A. Philipp, T. Müller, M. Lubnow, D. Lunz, H.-S. Hofmann
Regensburg/DE

P-33 THE PROGNOSTIC SIGNIFICANCE OF GROUND-GLASS OPACITY ON CHEST CT AND LEPIDIC GROWTH COMPONENT IN PATIENTS WITH PATHOLOGICAL STAGE IA NON-SMALL CELL LUNG CANCER
T. Miyoshi, K. Tane, K. Aokage, M. Tsuibo
Kashiwa/JP

P-34 MULTIDISCIPLINARY CANCER CONFERENCE REVIEWS FOR THORACIC MALIGNANCIES: ALL CASES REQUIRE REVIEW, NOT JUST DIFFICULT CASES
C. Fahim¹, J. Agzarian¹, R. Juergens¹, Y. Shargall¹, R. Sonnadara¹, M. McConnell², F. Wright³, W. Hanna¹, M. Simunovic¹
¹Hamilton, ON/CA, ²Ottawa, ON/CA, ³Toronto, ON/CA

P-35 PRIMARY GRAFT DYSFUNCTION AFTER LUNG TRANSPLANTATION INFLUENCES PARENCHYMAL REMODELING DETECTED BY MEAN QUANTITATIVE CT
A. Palleschi, R. Carrinola, S. Pieropan, C. Salito, F. Pennati, P. Tarsia, A. Allerti, M. Nosotti
Milan/IT

P-36 A PROPOSAL OF SCORE TO PREDICT THE COMPLEXITY OF VIDEO-ASSISTED THORACOSCOPIC LOBECTOMY
A. Imperatori, P. Drosos, P. Dinesh, A. Brunelli
Leeds/UK

P-37 SUCCESSFUL LUNG TRANSPLANTATION AFTER PROCUREMENT FROM CONTROLLED DCD DURING NORMOTHERMIC ABDOMINAL PERFUSION. EARLY EXPERIENCE
Milan/IT

P-38 THE EFFECT OF PRIOR EXPERIENCE IN OPEN AND MINIMAL INVASIVE PROCEDURES ON LEARNING CURVE OF VIDEO-ASSISTED THORACOSCOPIC LOBECTOMY
K. Chen, Y. Nie, B. Hui, F. Yang, J. Wang
Beijing/CN
POSTERS

P-39 CONSIDERING CASES OF LUNG RESECTION USING LIPIODOL MARKINGS ON PRIMARY LUNG MALIGNANCIES
Kyoto/JP

P-40 PORTAL ROBOTIC LOBECTOMY VERSUS UNIPORTAL VIDEO-ASSISTED THORACOSCOPIC LOBECTOMY: A RETROSPECTIVE STUDY
H. Li¹, R. Jin¹, Y. Yuan¹, J. Xiang¹, Y. Han¹, D. Han¹, R.J. Cerfolio²
¹Shanghai/CN, ²New York, NY/US

P-41 DIFFERENT METHODS OF REGIONAL ANESTHESIA AND ITS INFLUENCE ON THE RATE OF CHRONIC POST-THORACOTOMY PAIN SYNDROME IN LUNG CANCER PATIENTS
A. Malanova, V. Khoronenko, D. Baskakov, O. Pikin, A. Ryabov, O. Alexandrov
Moscow/RU

P-42 VARIABLES INFLUENCING TRENDING OF 30-DAY MORTALITY AND MORBIDITY AFTER ANATOMICAL LUNG RESECTION ALONG 20 YEARS OF PRACTICE, ACCORDING TO EUROLUNG RISK MODELS
Salamanca/ES

P-43 FLEXIBLE SILICONE MESH APPLICATOR (FREIBURG FLAP™) FOR INTRAOPERATIVE TUMORICIDAL PHOTODYNAMIC THERAPY OF PLEURAL MALIGNANCIES
D. Bellnier¹, J. Lindenmann², S. Yendamuri¹, T. Demmy¹, E. Oakley¹, C. Nwogu¹, M. Ramer³, L. Tworrek¹, M. Habitzruther¹, G. Shafirstein
¹Buffalo, NY/US, ²Graz/AT

P-44 INCIDENCE AND RISK FACTORS FOR 90-DAY HOSPITAL READMISSION FOLLOWING VATS ANATOMIC LUNG RESECTION.
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Istanbul/TR

P-139 PREVALENCE OF PERIOPERATIVE VENOUS THROMBOEMBOLISM (VTE) AFTER LUNG SURGERY IN CHINA: A SINGLE CENTER, PROSPECTIVE COHORT STUDY IN PATIENTS UNDERGOING MAJOR LUNG RESECTIONS WITHOUT PERIOPERATIVE VTE PROPHYLAXIS
Y. Shargall1, H. Li2, C. Song2, B. Tian2, S. Chen2, J. Miao2, Y. Fu2, B. You2, B. Hu2
1Hamilton, ON/CA, 2Beijing/CN

P-140 COMPARISON OF RADIOMORPHOLOGY WITH MICROSCOPIC GROWTH PATTERNS IN PULMONARY METASTASES.
S. Welter1, H. Maschek2, P. Bach1, R. Barile la Raia1
1Hemer/DE, 2Hannover/DE
POSTERS

P-141 NEOADJUVANT CHEMORADIOTHERAPY VERSUS NEOADJUVANT CHEMOTHERAPY PLUS CURATIVE INTENT SURGERY FOR INITIAL STAGE III/N2 NSCLC – RETROSPECTIVE RESULTS FROM A HIGH-VOLUME CENTER
K. Sinn1, T. Klikovits1, T. Stork1, A. Steindl1, G. Lang2, J. Matilla1, S. Taghavi1, W. Klepetko1, M.A. Hoda1
1Vienna/AT, 2Budapest/HU

P-142 COAXIAL DRAIN IS MORE EFFECTIVE IN AIR LEAK EVACUATION AFTER LUNG LOBECTOMY
M. Salama, A. Akan, J. Holbik, M. Mueller
Vienna/AT

P-143 POST-OPERATIVE RADIOTHERAPY (PORT) AFTER COMPLETE SURGICAL RESECTION FOR MASAOKA STAGE II THYMOMA. IS IT SCIENTIFICALLY JUSTIFIED?
D. Lioumpas1, K. Bouboulis1, I. Samiotis2, S. Zaragkas1, A. Stathoulopoulos1, N. Tzatzadakis1
1Nikaia/GR, 2Athens/GR

P-144 DESCRIPTIVE STUDY OF SURGICAL PATIENTS IN OUR EARLY DETECTION LUNG CANCER PROGRAM WITH LDCT AT THE UNIVERSITY CLINIC OF NAVARRA
M. Mesa-Guzmán, J. Gonzales, J. Berto, A.B. Alcaide, J.P. De Torres, G. Bastarrika, J. Zulueta
Pamplona/ES

WITHDRAWN

P-145 NEGATIVE IMPACT OF POSTOPERATIVE DEPLETION OF SKELETAL MASS INDEX (SMI) ON PROGNOSIS AFTER COMPLETE RESECTION OF LUNG CANCER
M. Nagata1, H. Ito2, T. Yokose2, H. Nakayama2
1Naha/JP, 2Yokohama/JP

P-146 A NEW FLUORESCENCE TECHNIQUE FOR INVESTIGATING THE BLOOD SUPPLY OF GASTRIC CONDUIT DURING ESOPHAGEAL CANCER SURGERY
J. Hwang, C.M. Lee
Ansan, Gyeonggido/KR

P-147 IMPORTANCE OF GROUND GLASS OPACITY COMPONENT IN SOLID DOMINANT CLINICAL STAGE IA LUNG CANCER
Y. Watanabe, A. Hattori, T. Matsunaga, K. Takamochi, S. Oh, K. Suzuki
Tokyo/JP
SYMPOSIUM FOR NURSES
MONDAY 28 MAY
SYMPOSIUM FOR NURSES - MONDAY 28 MAY

Organisers:
Marko Bitenc (Ljubljana/SI)
Jana Šubic (Ljubljana/SI)
Bojana Smrke Kumer (Ljubljana/SI)
Nusa Mrak (Ljubljana/SI)
Eva Markic (Ljubljana/SI)
Matejka Magdič (Ljubljana/SI)

A full day of specialized and research-based nursing in an international perspective

TOPICS
- Thoracic trauma, initial nursing care
- Management of patients undergoing general thoracic surgery
- The impact of the advance in surgical techniques on perioperative nursing management
- Pain management
- Complications after thoracic surgery
- Physiotherapy and early mobilization
- Patients follow up after surgery
- Enhanced recovery pathways for patients after thoracic surgery

PRACTICAL SESSION FOR NURSES
MONDAY 28 MAY 2017 10:30 -12:30 h • ROOM E4
ELECTRONIC CHEST DRAINAGE SYSTEM
Thomas Kiefer
Konstanz/DE
SYMPOSIUM FOR NURSES - MONDAY 28 MAY

SYMPOSIUM FOR NURSES
MONDAY 28 MAY 2018  13:30 -18:00 h · ROOM E4

13:30 h  WELCOME
Marko Bitenc, (Ljubljana/SI)
Jana Šubic, (Golnik/SI)

SESSION I
Chairs:  Nuša Mrak (Golnik/SI)
         Eva Markič, (Golnik/SI)

13:40 h  N-1
Outcome of feasibility randomised controlled trial (RCT) in major lung surgery patients receiving either preop carbohydrate & postop nutritional drinks or water
Amy Kerr
Birmingham/UK

13:50 h  N-2
Impact of the introduction of an enhanced recovery program in esophageal cancer surgery: changes in perioperative nursing care add to a substantial reduction in postoperative complications compared to traditional care
Johnny Moons
Leuven/BE

14:00 h  N-3
Preoperative nutritional support in patients undergoing thoracic surgery: What criteria?
Linda Leo
Milan/IT

14:10 h  N-4
Preoperative experience of pulmonary surgery
Jerneja Gros
Golnik/SI

14:20 h  N-5
The level of stress and coping with stress by patients after thoracic surgery
Małgorzata Marć
Rzeszów/PL

14:30 h  N-6
Healthcare of a patient with thoracic drainage: level of nurses’ knowledge
Marina Karadza, Ljubljana/SI

14:40 h  N-7
Simulation-based learning therapy with oxygen
Kern Maja
Ljubljana/SI

14:50 h  N-8
Is preoperative exercise training beneficial for patients that undergo lung resection?
Monika Jeruc Tanšek
Duplje/SI

15:00 h  N-9
Preoperative phisiotherapy in patients undergoing thoracic surgery: what criteria?
Linda Leo
Milan/IT

15:10 h  N-10
Temperature management in patients undergoing thoracic surgery
Kristine Rydahl Nielsen
Copenhagen/OK

15:20 h  Discussion

15:30 h  Coffee break
16:00 h  N-11
Quality of pain management after lung surgery: comparison between open thoracotomy and video-assisted thoracic surgery
Jana Šubic
Golnik/SI

16:10 h  N-12
Case report: an early recognition of symptoms and signs of different complications in patient after lung surgery
Nuša Mrak
Golnik/SI

16:20 h  N-13
Chest tube and nursing care - review of complications for 2017
Matejka Magdič
Ljubljana/SI

16:30 h  N-14
The role of nurses in the rehabilitation of patients after surgery thoracic
Aneta Lesiak
Rzeszów/PL

16:40 h  N-15
Nursery care planning over patient esophageal cancer on international classification of nursing practice (ICNP®)
Małgorzata Marć
Rzeszów/PL

16:50 h  N-16
Paper based pros data collection: it’s time to go beyond
Linda Leo
Milan/IT

17:00 h  N-17
The optimal compression time after administration of low molecular weight heparin calcium subcutaneously
Wenyuan Zheng
Shanghai/CN

17:10 h  N-18
Feedback information of the patient 2-4 days after a dismissal from a hospital
Bojana Smrke Kumer
Ljubljana/SI

17:20 h  N-19
Lessons learnt from the initiation of peace (posthumous evaluation of advanced cancer environment) at a regional thoracic centre
Hollie Bancroft
Birmingham/UK

17:30 h  N-20
Laparoscopic repair of giant hiatus hernia with reinforcement by hepatogastric ligament
Jun-Feng Liu
Shijiazhuang/CN

17:40 h  N-21
Chemical pleurodesis for management of postoperative recurred spontaneous pneumothorax
Byung Mo Gu
Anyang/KR

17:50 h  Discussion

18:00 h  AWARD CEREMONY OF THE BEST ABSTRACT AND PRESENTATION
Award (500 Euros) for the best abstract
Award (500 Euros) for the best oral presentation

18:00 h  FINAL REMARKS
Jana Šubic, Golnik/SI
Bojana Smrke Kumer, Ljubljana/SI
SYMPOSIUM FOR NURSES - MONDAY 28 MAY

POSTERS DISPLAYED AT COFFEE BREAK

N-22
Nursing management of patients with thoracostomy
Aleksandra Lakovič
Ljubljana/SI

N-23
Nursing care for patients undergoing a thoracic surgery using a videothoracoscopic method
Aneta Lesiak
Miedziana Gora/PL

N-24
Nutrition before and after thoracic surgery
Kaja Perme
Grosuplje/SI

TUESDAY 29 MAY 2018
10:00-11:30 h
TOUR OF UNIVERSITY CLINICAL CENTER LJUBLJANA
Meeting for group departure 09:30 h
Registration Area, Cankarjev dom
ESTS OFFICIAL SESSIONS

OPENING CEREMONY INDUSTRY
SUNDAY, 27 MAY 2018  12:00 - 13:00 h · EXHIBITION AREA

OPENING CEREMONY
SUNDAY, 27 MAY 2018  18:00 - 18:45 h · GALLUS HALL

OFFICIAL OPENING
MONDAY 28 MAY 2018  08:10 - 08:15 h · GALLUS HALL

REPORT OF THE DIRECTOR OF THE ANNUAL MEETING
MONDAY 28 MAY 2018  08:15 - 08:30 h · GALLUS HALL

GENERAL ASSEMBLY
TUESDAY 29 MAY 2018  17:30 - 18:00 h · LINHART HALL
ABSTRACT SUBMISSION - INSTRUCTIONS TO AUTHORS

Please submit your abstract via:
http://cpaper.cltmeetingtech.com/ests2018

Please follow the instructions given on-line, otherwise your abstract cannot be selected for review. A summary of the guidelines is as follows:

- The abstract language is English
- The text should be not more than 300 words
- The use of 1 table or 1 graph is possible
- The abstract must consist of four paragraphs labelled: OBJECTIVE, METHODS, RESULTS, CONCLUSIONS
- The text and the title should be free from abbreviations, except those commonly used. It should concisely address the problem and the purpose of the study (OBJECTIVE); how the study was performed (METHODS); the main findings with numerical data and statistical significance (RESULTS); and the principal conclusions drawn from the study (CONCLUSIONS)
- The title of the abstract should be printed in CAPITAL LETTERS; the name(s) of the author(s) should be preceded by the full first name (middle name initial optional) - omit titles. The number of authors is unlimited.
- Since the abstracts will be judged anonymously, the text should not reveal the institutional affiliation
- Mark the category which best describes the subject of your abstract
- The material should not have been published, or presented at any international meeting before, nor submitted to another meeting during the same period.
- Only co-authors are allowed to present the paper

4 types of abstracts will be considered:
- Abstract/Poster
- Videos
- Case reports
- Nurse symposium

Abstracts will not be accepted by e-mail or fax
All abstracts should be submitted and posted according to the format and instructions described above no later than
Tuesday 09 January 2018, 23:59 CET

The programme committee will meet 16-17 February 2018. The best abstracts are selected based on the average score by the reviewers from two rounds (one round for case reports and videos) and allocated for presentations as oral, forum, case report, video or poster, nurse symposium. Abstract acceptance and programme scheduling will be communicated to the corresponding author’s e-mail address early March 2018.

For your abstract to be included in the final scientific programme, it is mandatory to register for the congress and to settle payment as soon as you have received the notification of abstract acceptance.

Please check the eligibility for prize awards.

The presenter of an accepted abstract will also be asked to complete a form to be signed at the time of uploading the presentation to state whether his/her presentation can be released or cancelled after the meeting.
IMPORTANT:
ESTS expects that all speakers presenting in ORAL sessions and the Brompton and Young Investigator Award sessions to submit full manuscripts online for review to the European Journal of Cardio-Thoracic Surgery (EJCTS) by 1 September 2018. Moreover the prize winners in all other prize sessions must submit full manuscripts online for review to the European Journal of Cardio-Thoracic Surgery.

Note that the Programme Committee will consider the previous manuscript submission record of ALL speakers when preparing future ESTS meetings.

THE FIRST AUTHOR OF ABSTRACTS IN ORAL AND PRIZE WINNING SESSIONS WHO DOES NOT SUBMIT HIS/HER MANUSCRIPT TO EJCTS BY 1 SEPTEMBER 2018 WILL BE EXCLUDED FROM ABSTRACT SUBMISSION AT THE NEXT ESTS ANNUAL MEETING

Submission for review of forum, case report, and video or poster presentations to either EJCTS or ICVTS is optional but welcomed.

Manuscripts should be prepared and submitted according to the Instructions to Authors
• EJCTS
• ICVTS

The manuscript submission is online only at: https://ejcts.oxfordjournals.org/

Please mention “Presented at the 26th European Conference on General Thoracic Surgery of the European Society of Thoracic Surgeons, Ljubljana, Slovenia, 27 -30 May 2018,” on the title page of the manuscript.

ESTS requires that all speakers competing for the Brompton & Young Investigators Prizes sessions submit full manuscripts by e-mail to the ESTS Executive Director (sue@ests.org.uk) one month before the meeting at the latest, since these papers are included in the total scoring by the jury. The audio-visual recording of the scientific presentations will be the property of the ESTS.

ABSTRACT SESSIONS
Papers are allocated 7 minutes presentation time followed by a discussion period of 3 minutes. Please note that only data projection will be available.

INTERACTIVE CASE PRESENTATION SESSION
The Program committee invites submissions of case reports for interactive presentation. It is an opportunity for any thoracic surgeon, particularly trainees and young surgeons, to present a case for discussion by the meeting and the experts who will be present. We encourage you to submit cases that are of interest in any of the followings:
• An uncommon clinical problem
• A particularly challenging problem of diagnosis or management
• An innovative surgical technique
• A clinical lesson
• A particularly illustrative case of interest for the thoracic community

The interactive presentations should be 5 minutes long including interactive discussion of 10 minutes. Video clips are welcomed but must be included within the time limit. The speaker should present the clinical case only, NOT a literature review or case series. We would like you to explain in the abstract (300 words) what your case is about, what you think is of special interest for the audience and its clinical implications.
ABSTRACT SUBMISSION - INSTRUCTIONS TO AUTHORS

POSTER SESSION
A number of abstracts will be selected for poster presentation as moderated posters. There will be a Junior Poster Session and a Senior Poster Session.

This year during the allocated slot the presenter from each poster will have to be available to discuss his/her own work.

Maximum dimensions: Portrait: Length 140 cm, width 90 cm

**Poster Printing in Ljubljana:** The option is offered for printing your poster in Ljubljana.
- Printing company: Eksplicit
- Contact for orders: bostjan@eksplicit.si
- Cost: 42 euros + VAT for colour print including delivery to the Conference Venue on 25 May 2018
- **Deadline for orders:** Monday 21 May 2018

VIDEO SESSION
Submitted videos should be uploaded online in a compact-sized, average-quality format up to 100 MB for scoring by reviewers. The film should be 7 minutes maximal duration and it will be followed by a 3-minute discussion. The following formats are supported to upload:

**PC formats:** .WMV and .AVI
**MAC formats:** .MOV

Sound is acceptable but not necessary. However live narration by the principal surgeon is a requirement of participation.

Authors will be asked to present their video at the meeting in a high-quality format without changes if accepted.

NURSE SYMPOSIUM
Abstracts for the Symposium for Nurses should be submitted online using the same system as other abstracts. Abstracts should not exceed 300 words. Videos can be considered and they should be uploaded online.

Submitted videos should be uploaded online in a compact-sized, average-quality format up to 100 MB for scoring by reviewers. The film should be 7 minutes maximal duration followed by a 3-minute discussion. The following formats are supported to upload:

**PC formats:** .WMV and .AVI
**MAC formats:** .MOV

Sound is acceptable but not necessary. However live narration by the presenting nurse is a requirement of participation.

Authors will be asked to present their video at the meeting in a high-quality format without changes if accepted.

NO-SHOW AND WITHDRAWALS
**Presenter:** please note that if you accept to present your paper and then subsequently do not show up for presentation at the meeting in Innsbruck, you will be excluded from presenting at the next three annual ESTS meetings. If you are experiencing any unexpected problems to attend the meeting, please notify the Program Committee and ask one of your co-authors to replace you as presenter of the abstract. Only co-authors may present.

If you WITHDRAW your presentation less than four weeks prior to the meeting, after Friday 27 April 2018, the Presenter will be considered as No-Show.
ABSTRACT SUBMISSION - INSTRUCTIONS TO AUTHORS

DUPLICATE SUBMISSION
We will use special software to check for duplicate submission. Duplicate submission will be defined according to the below indicated joint statement.
For duplicate submission, the first author will be excluded from presenting abstracts to the next three ESTS meetings. The first author will not be permitted to be included in the list of authors for the next three years.

JOINT STATEMENT ON REDUNDANT (DUPLICATE) PUBLICATION BY THE EDITORS OF THE UNDERSIGNED CARDIOTHORACIC JOURNALS

Full Text:  http://www.jtcvsonline.org/article/S0022-5223(15)01306-9/fulltext

The co-signatory Editors hereby declare that they adhere to a process of information exchange and cooperation aimed at eliminating redundant (duplicate) publication in their journals.
Briefly, redundant publication is a paper that overlaps substantially with one submitted elsewhere or published without adequate cross-referencing and justification. We consider redundant publication to be unethical for the following reasons: The author unjustifiably receives 2 or more citations for only 1 article; the time of unpaid peer reviewers and editors is wasted on duplicate submissions; the burden of extra work slows the peer review process; the already extensive scientific literature is further inflated making literature search even more cumbersome; valuable journal pages are wasted. Furthermore, meta-analysis of multiple studies may become flawed when the same material is published repeatedly.

We intend to combat redundant publication by: using electronic search applications to identify potential duplications; sending doubtful papers for review by other journal editors; exchanging information about conference submissions and joint collaboration in programme committees; publishing joint statements exposing offenders in clear cut cases; imposing bans where necessary; and following up on potential copyright infringements.

For the purposes of this declaration, redundant publication is defined as follows:

1. The numbers or sample sizes are similar.
2. The methodology is identical or nearly so.
3. The results are similar.
4. At least 1 author is common to both reports.
5. Little or no new information is made available.

To classify as redundant publication all of points 1-5 must apply. Exceptions may include publications in local or regional journals, abstracts at scientific meetings, or original publication in a language other than English. The authors must bring these exceptions to the Editor's attention. The Editor's judgment decides if points 1-5 apply for a specific case. The authors will be informed, and will be given the opportunity to respond. Because redundant publication constitutes serious academic misbehavior, instances may be reported to specialty society ethics committees for review and possible disciplinary action.

We hope that the authorship of our journals and the scientific community at large will support us in this endeavour, which we believe to be in the best interests of all.

Editor, A. Sampath Kumar, Asian Cardiovascular and Thoracic Annals
Editor-in-Chief, Friedhelm Beyersdorf, European Journal of Cardio-Thoracic Surgery, and Interactive CardioVascular and Thoracic Surgery
Editor, Harold L. Lazar, Journal of Cardiac Surgery
Editor-in-Chief, A. Robert Denniss, Heart, Lung and Circulation
Editor, G. Alexander Patterson, The Annals of Thoracic Surgery
Editor-in-Chief, Richard D. Weisel, The Journal of Thoracic and Cardiovascular Surgery
PRIZES AND AWARDS

The following prizes will be awarded:

- **ESTS – Brompton Prize – 2000 EUR**
  The Brompton Prize is offered for the best thoracic presentation by an ESTS member, first author, at the Brompton Session and comes courtesy of the Trustees of the fund initiated by Professor Peter Goldstraw. It is an annual prize instituted at the 8th European Conference on General Thoracic Surgery held in London November 2000. The winner will be asked to give a one minute summary without slides of their study during the award ceremony at the Gala Dinner.

- **ESTS – Young Investigator Award – 2000 EUR**
  To stimulate research, ESTS has instituted a prize for the best presentation on topics of clinical or experimental research in the field of thoracic surgery by an ESTS member below the age of 35. The winner will be asked to give a one minute summary without slides of their study during the award ceremony at the Gala Dinner.

- **ESTS-AATS Graham Foundation Excellence Award – 2000 EUR**
  This prize is offered by the AATS Graham Foundation and awarded for the best scientific contribution in Pulmonary Neoplastic I / Pulmonary Neoplastic II sessions

- **ESTS – Grillo Prize – 1000 EUR**
  The prize is offered to the best abstract in the session “Experimental/Innovative Techniques” and is named after our deceased honorary member Hermes Grillo (Boston). The prize was initially awarded in 2009 by Professor Douglas Mathisen of the Massachusetts General Hospital, a colleague and friend of Professor Hermes Grillo.

- **ESTS – Greek Pioneers Prize – 500 EUR**
  This prize is offered for the best poster presentation and comes courtesy of a fund chaired by Dr Kalliopi Athanassiadi in the name of the first three Greek thoracic surgeons.

- **ESTS – JACS Award – 1000 EUR**
  This prize is offered to the best abstract by an ESTS member from an Asian Institute.

- **ESTS – DGT Travel Grant – 1000 EUR**
  This grant is offered by the Deutsche Gesellschaft für Thoraxchirurgie (DGT) and was created to support a member of ESTS from a low-to-middle-income-country, who is below the age of 40 and is the first author of an abstract.

- **ESTS – Dutch Society for Lung Surgery Travel Grant – 1000 EUR**
  This grant is offered by the Dutch Society for Lung Surgery and was created to support a young abstract presenter from a low-middle income country.

- **ESTS – FSTCVS Travel Grant – 1000 EUR**
  This grant is offered by the French Society for Thoracic and Cardiovascular Surgery. It will be offered to the best oral presentation of clinical work by an author below the age of 35 from a low-middle-income country.

- **ESTS Biology Club**
  Zurich Fellowship Award-a research fellowship award is offered for 4-6 months to young scientists and clinicians to visit the Department of Thoracic Surgery, University Hospital, Zurich, Switzerland

- **SYMPOSIUM FOR NURSES –500 EUR**
  Two prizes will be offered of 500 EUR each: best abstract and best presenter.

- **ESTS - AME Prize**
  This is awarded for the best overall performance by a trainee member in the Postgraduate Course Master’s Cup Competition who wins an expenses paid one month attachment to a leading Thoracic Surgery Unit in China. The prize comes courtesy of AME Publishing Company.

- **ESTS – MedXpert Prize**
  Registration to ESTS Course on Chest Wall Surgery, 24-26 September 2018, Hamburg, Germany. This prize is offered for the best abstract from the Chest Wall session and comes courtesy of a donation by MedXpert.

- **ESTS - Medela Prizes**
  - Registration to the 27th European Conference on General Thoracic Surgery, 9-12 June 2018, Dublin, Ireland
  - ESTS Textbook
  The prizes are offered for the two best posters in the Junior Poster Session and come courtesy of a donation by Medela

- **ESTS-CATS Video Prize**
  Best video presentation of thoracic surgery for Chinese Young Elites. The prize comes courtesy of Ethicon China

- **ESTS - Medtronic Prize**
  Two registrations for an ESTS School of Thoracic Surgery. This prize comes courtesy of a donation by Medtronic.

- **ESTS - Medela Prize for the two best posters**
  - Registration to the 27th European Conference on General Thoracic Surgery, 9-12 June 2018, Dublin, Ireland
  - ESTS Textbook
ACCOMMODATION

Information available at:
www.ests2018.com

For further information as well as for group reservations please contact:
Registration Office
Cankarjev dom
Prešernova 10
SI- 1000 Ljubljana
E-mail: registration@cd-cc.si
Fax: +3861 2417 296
Phone: +3861 2417 136

Group booking conditions
Accommodation bookings for larger groups of participants necessitate a one-night deposit.
Until 28 February 2018 full accommodation needs to be paid in order for the specified rooms to be booked.
Any changes or cancellations will be accepted until 28 February 2018.
From 1 March 2018 onwards, no refund will be possible.
Refunds less a 60 EUR handling fee will be given before 28 February 2018.
For more information please contact registration@cd-cc.si or +386 1 2417 136.
OFFICIAL NETWORKING PROGRAMME

OPENING CEREMONY AND WELCOME RECEPTION
Included in the registration fee
Date: Sunday, 27 May 2018

Opening Ceremony: 18:00 - 18:45 h
Welcome Reception: 18:45 - 20:00 h

Location: The Opening Ceremony will take place at the main auditorium Gallus Hall and the Welcome Reception will be held at the Exhibition Area.

ESTS GALA DINNER
Not included in the registration fee.
Cost: 100€ - Special fee for Trainees: 75€ (limited to a maximum of 100 tickets for trainees at reduced price)
Date: Tuesday, 29 May 2018
Time: 19:30 - 23:00 h

Location: Union hotel Ljubljana
Miklošičeva ulica 1 1000 Ljubljana (Slovenia)
Dress code: Black tie
Dear colleagues,

ESTS wishes to introduce an official trainee forum. Such group should be consisted by trainees with the assistance and mentorship of ESTS leadership. We consider the voices of our Junior force important and through such initiative we will encourage active participation in our educational events and annual conference.

Please express your interest to contribute to such a wonderful and energetic group by contacting Dr. Anna Frick or Dr. Olivia Lauk.

OVERVIEW

Over the recent years there has been an increasing demand in order to provide an International platform for trainees in Thoracic Surgery. Such initiative will have several advantages:

1. Offer exchange of experiences
2. Promote available fellowships and/or explore unmet needs for training
3. Allow presence and active interaction and participation in Annual conferences
4. Facilitate an harmonized pathway for training

PROGRAM OVERVIEW

1. Welcome and registrations
2. Brief welcome by the President of ESTS
3. Introduction of objectives of the group by Anna Frick MD and Olivia Lauk MD
4. Set the scene for future activities
5. Establish the platform for attracting new members
6. Close of program and dates future meetings
The most up-to-date Textbook of Thoracic Surgery

- includes surgical atlas with 104 thoracic procedures
- 160 detailed videos

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