Wednesday, June 13, 2018

4:00 p.m.  Registration  
Ballroom Lobby West

5:30 p.m.  Opening Ceremony and Reception  
Ballroom 1/Riverfront Plaza

Thursday, June 14, 2018

6:30 a.m.  Registration and Continental Breakfast  
Ballroom Lobby West

8:00 a.m.  Welcome & Course Overview  
Ballroom 1

8:15 a.m.  Session 1: Health Care Delivery in the 21st Century: What Do We Want; How Do We Get It?  
Robert K. Smoldt

9:00 a.m.  Transition Break

9:30 a.m.  Breakout Session 2

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2A-Tracheobronchomalacia and Excessive Dynamic Airway Collapse:</td>
<td>Ballroom 1</td>
</tr>
<tr>
<td>Multidisciplinary Approach</td>
<td></td>
</tr>
<tr>
<td>Chair - Septimiu Murgu</td>
<td></td>
</tr>
<tr>
<td>• Physiology</td>
<td></td>
</tr>
<tr>
<td>Septimiu Murgu</td>
<td></td>
</tr>
<tr>
<td>• Stents</td>
<td></td>
</tr>
<tr>
<td>Adnan Majid</td>
<td></td>
</tr>
<tr>
<td>Panel</td>
<td></td>
</tr>
<tr>
<td>Frank Nichols</td>
<td></td>
</tr>
<tr>
<td>Paul Castellanos</td>
<td></td>
</tr>
<tr>
<td>2B-Mesothelioma Diagnosis and Management – What is the Interventional Pulmonologists Role?</td>
<td>Suites 102-103</td>
</tr>
<tr>
<td>Chair - Daniel Sterman</td>
<td></td>
</tr>
<tr>
<td>Co-Chair - Tobias Peikert</td>
<td></td>
</tr>
<tr>
<td>• Update on Malignant Pleural Mesothelioma (What is New?)</td>
<td></td>
</tr>
<tr>
<td>Tobias Peikert</td>
<td></td>
</tr>
<tr>
<td>• The role of Medical Pleuroscopy for the diagnosis of mesothelioma</td>
<td></td>
</tr>
<tr>
<td>Fabien Maldonado</td>
<td></td>
</tr>
<tr>
<td>• Staging of Malignant Pleural Mesothelioma to Select Patients for Multi-modality Therapy</td>
<td></td>
</tr>
<tr>
<td>Daniel Sterman</td>
<td></td>
</tr>
<tr>
<td>• Pleural Fluid Management in Malignant Pleural Mesothelioma</td>
<td></td>
</tr>
<tr>
<td>Anthony R. Lanfranco</td>
<td></td>
</tr>
</tbody>
</table>
### 2C-New Frontier in Endobronchial Ultrasound

**Chair** - Carla Lamb  
**Co-Chair** - Momen Wahidi

- Challenges of EBUS Specimens in the PDL-1 Era  
  **Momen Wahidi**
- Comparison of EBUS needles sizes: tissue adequacy and diagnostic yield  
  **Carla Lamb**
- New findings in EBUS literature- a year in review  
  **Christine Argento**

### 2D-Biomechanical Properties of Airway Stents and 3D Printing: Implication for Practice Symposium

**Chair** - Thomas Gildea  
**Co-Chair** - Lutz Freitag

Panel: George Cheng and Antoni Rosell

### 2E-GI diagnostic evaluation in patients with Airway stenosis

**Chair** - Greg Postma  
**Co-Chair** - Paul Castellanos

- Esophageal evaluation in the airway pt (TNE role in evaluation of airway patients (compare and contrast with traditional EGD)  
  **Greg Postma**
- Bariatric surgery and airway surgery  
  **Greg Postma**
- Impedance vs pH vs TNE/EGD  
  **David Katzka**
- Pharyngeal pH testing  
  **Magnus Halland**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>10:45 a.m. Transition Break</strong></td>
<td>Ballroom 1</td>
</tr>
<tr>
<td><strong>11:00 a.m. Breakout Session 3</strong></td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>

#### 3A-Cryobiopsies for Diffuse Parenchymal Lung Diseases

**Chair** - Fabien Maldonado  
**Co-Chair** - Juergen Hertzel

- Cryobiopsies in DPLD: the who?  
  **Fabien Maldonado**
- Cryobiopsies in DPLD: the why?  
  **Robert Lentz**
- Cryobiopsies in DPLD: the how?  
  **Juergen Hetzel**
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Chair(s)</th>
<th>Co-Chair(s)</th>
<th>Panel</th>
<th>Room Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3B</td>
<td>Challenging Pediatric Airway and Interventional Pulmonary Cases</td>
<td>Dana Thompson</td>
<td>Jonathan Ida</td>
<td>Glenn Green, Catherine Hart, Paul Boesch, Karthik Balakrishnan</td>
<td>Suites 102-103</td>
</tr>
<tr>
<td>3C</td>
<td>Pediatric airway stenting</td>
<td>Juan L. Anton-Pacheco Sanchez</td>
<td></td>
<td>Indications for stenting: Karthik Balakrishnan, Types of stents: Juan L. Anton-Pacheco Sanchez, Stent complications and rescue strategies: Mike Rutter</td>
<td>Suites 104-105</td>
</tr>
<tr>
<td>3D</td>
<td>Selection and management of advanced airway prosthesis – Adult and Pediatric Patients</td>
<td>Paul Bryson</td>
<td>Chris Wootten</td>
<td>Understanding the range of trach tubes and criteria for use: Paul Bryson, Endoluminal stents: Otis Rickman, Complications: Chris Wootten</td>
<td>Suites 110-111</td>
</tr>
</tbody>
</table>
3E-Oral Presentations
Chair – Hideo Saka

- Potential benefits of amnion-covered stents in the setting on airway luminal compromise
  Sonali Sethi
- Review of a 10-year Experience of Rigid Bronchoscopy at a Tertiary Centre in Singapore
  Akash Verma
- Interventional bronchoscopy for the treatment of surgery related complications
  Hermann Tonn
- Montgomery T stent and Dumon Y stent in the palliation of extensive distal airway obstruction and fistula
  Duro da Costa
- Non-rigid bronchoscopically, high frequency ventilation via catheter ---A novel approach for Montgomery T-tube placement
  Chang-Hao Zhong
- String Tied Method---A Novel Method for Silicone Stenting
  Shi-Yue Li
- The strategy of metallic stents extraction under bronchoscope in benign airway stenosis
  Guangfa Wang
- Bronchoscopic Management of Airway Obstruction from Blood Clots: A Case Series
  Akash Verma

12:15 p.m.  Lunch On Your Own

1:30 p.m.  Breakout Session 4

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4A-Tracheoesophageal Fistulas: A Multidiscipline Approach to Management</td>
<td>Ballroom 1</td>
</tr>
<tr>
<td>Chair - Kazuhiro Yasufuku</td>
<td></td>
</tr>
<tr>
<td>Co-Chair - Pablo Diaz Jiminez</td>
<td></td>
</tr>
<tr>
<td>- Gastointerologist’s Perspective</td>
<td></td>
</tr>
<tr>
<td>Navtej Buttar</td>
<td></td>
</tr>
<tr>
<td>- Interventional Pulmonologist’s Perspective</td>
<td></td>
</tr>
<tr>
<td>Gaetane Michaud</td>
<td></td>
</tr>
<tr>
<td>- Thoracic Surgeon’s Perspective</td>
<td></td>
</tr>
<tr>
<td>Shanda Blackmon</td>
<td></td>
</tr>
<tr>
<td>4B-Drug induced sleep bronchoscopy</td>
<td>Suites 102-103</td>
</tr>
<tr>
<td>Chair - Stacey Ishman</td>
<td></td>
</tr>
<tr>
<td>- Differences between DISE and Upper Airway Evaluation during Bronchoscopy</td>
<td></td>
</tr>
<tr>
<td>Stacey Ishman</td>
<td></td>
</tr>
<tr>
<td>- Patient Selection and Scoring of Pediatric DISE</td>
<td></td>
</tr>
<tr>
<td>Cristina Baldassari</td>
<td></td>
</tr>
<tr>
<td>- DISE Findings in Typical Children versus those with Co-morbidities(Obesity and Down Syndrome)</td>
<td></td>
</tr>
<tr>
<td>Derek Lam</td>
<td></td>
</tr>
<tr>
<td>Session</td>
<td>Title</td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
</tr>
</tbody>
</table>
| 4C | Specimen Acquisition and Interpretation for Targeted and Immunotherapy of Late Stage Nonsmall Cell Carcinoma | George Eapen | Alain Tremblay | • What are the current guidelines for molecular analysis in lung cancer treatment?  
• Do samples from EBUS TBNA provide adequate specimens for next generation sequencing? | 104-105 |
| 4D | Bronchoscopic Management of the Different Faces of Obstructive Lung Diseases | Ali Musani | Charlie Strange | • Use of Bronchothermoplasty in Difficult Asthmatic  
• Current Status of Lung Volume Reduction: Valves  
• Current State of Lung Volume Reduction: Staples | 110-111 |
| 4E | Novel clues for diagnosis and therapy of dysphagia | Akihiro Shiotani | Yukio Katori | • Etiology, evaluation and therapeutic strategy of dysphagia in oral and pharyngeal cancer patients  
• Surgical treatment for dysphagia in the elderly: selection of surgical procedures and outcome  
• A new paradigm for endoscopic cricopharyngeal myotomy - Techniques for managing surgical complications | 112-113 |

2:45 p.m. Transition Break
<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5A-What is the Best Modality to Sample a Peripheral Lung Nodule?</td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>
| Chair - David Ost  
Co-Chair - Samira Shojaee | |
| - The radiologist’s perspective: the value of PET scanning and image-guided transthoracic needle aspiration :  
  Patrick W. Eiken, M.D. | |
| - The pulmonologist’s tools: radial EBUS, electromagnetic navigation and more  
  Momen Wahidi | |
| - The thoracic surgeon’s view: when and how should a peripheral lung nodule resected?  
  Kazu Yasufuku | |
| 5B-How to Create a Lung Cancer Screening Program | Suites 102-103 |
| Chair - David Midthun  
Co-Chair - Carla Lamb  
Co-Chair - Annette McWilliams | |
| - Lung Cancer Screening in Europe  
  Antoni Rosell | |
| - Lung Cancer Screening in the United States  
  Carla Lamb | |
| - Lung Cancer Screening in Canada and Australia  
  Annette McWilliams | |
| 5C-Bronchoscopy Education Project Around the World | Suites 104-105 |
| Chair - Henri Colt  
Co-Chair - Patricia Vujacich | |
| - How assessment tools and checklists have changed medical training in Australia/New Zealand  
  Matthew Salamonsen | |
| - How simulation and airway models are changing bronchoscopy practice in Latin America  
  Pedro Grynblat | |
| - The impact of Train-the-Trainer programs and role-playing exercises on bronchoscopy education in Serbia and the Balkans  
  Spasoje Popovic | |
| - Achievements and Challenges: The BEP in the rest of Europe  
  Marioara Simon | |
| - How Bronchoscopy Education Project philosophies and practices are guiding a large national specialty society (TSANZ) to enhanced procedural competency  
  David Fielding | |
5D-Percutaneous Tracheostomy

Chair - Shaheen Islam
Co-Chair - Adnan Majid

- Percutaneous Tracheostomy: Selection of Patients
  Shaheen Islam
- Technique and Choice of Tracheostomy Tubes
  Anthony Gray
- Complications of Percutaneous Tracheostomy
  Alejandro Sardi

5E-CP dysfunction: Bars and Diverticuli

Chair - Paul Castellanos
Co-Chair - Dale Ekbom

- Transoral techniques for Zenkers diverticulum: Pearls and Pitfalls
  Dale Ekbom
- Open approaches to Zenkers and CP dysfunction
  Jan Kasperbauer
- Flexible endoscopic approach for Zenker’s diverticulum
  David Katzka
- Non-Zenker’s Cervical Diverticula: Diagnosis and Management
  Greg Postma
- Final thoughts and perspective, a unique approach
  Paul Castellanos

4:15 p.m. Adjourn

6:00 p.m. Gala Dinner at Stone Barn (Additional Registration Fee Required)

Friday, June 15, 2018

6:30 a.m. Registration and Continental Breakfast

7:00 a.m. Breakfast with the Professor: Roundtable Discussions with Faculty

8:00 a.m. Breakout Session 6

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6A-Silver Anniversary of the Journal of Bronchology &amp; Interventional Pulmonology</td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>

Chair - Septimiu Murgu
Co-Chair - Atul Mehta

- 7th WCB and WCBE: The Beginning
  Udaya Prakash
- From the 7th to the 20th WCB: Odyssey of the JOBIP
  Atul Mehta
- Future of IP: Through the Eyes of an Editor
  David Ost
### 6B-Airway Stents: Past, Present, and Future

**Chair** - Herve Dutau  
**Co-Chair** - Lutz Freitag  
- 30 years of airway stenting: the lessons learned  
  - Herve Dutau  
- Moving Toward Tailored Airway Stents?  
  - Lutz Freitag  
- Future stents: medical devices or pharmaceutical agents?  
  - Antoni Rosell

### 6C-Translational Science Advances in Laryngotracheal Stenosis

**Chair** - Alexander Hillel  
**Co-Chair** - Stephanie Misono  
- Laryngotracheal Regeneration: From Bench to Bedside  
  - David Lott  
- Mechanistic insight into the role of IL-17A in pathologic- fibroinflammatory remodeling of the adult airway  
  - Alex Gelbard  
- Immune modulation in laryngotracheal stenosis  
  - Alexander Hillel  
- Gene Therapy and Novel Drug Therapy for Laryngotracheal Stenosis - Basic Animal Study  
  - Koji Araki

### 6D-Managing Multi-centric Ground Glass Opacities: A Multidisciplinary Approach

**Chair** - Alexander Chen  
**Co-Chair** - Tobias Piekert  
- Radiomics Based Risk Stratification – A CANARY in the Coal Mine (Non-invasive risk-stratification)  
  - Tobias Piekert  
- Tissue sampling approaches in Multifocal Lung Cancer (Imaging guided biopsies and staging)  
  - Alexander Chen  
- Personalized treatment for patients with Multifocal Lung Cancer (Surgical resection, Ablation)  
  - Shanda Blackmon

**Additional Panel Members**: Nina Garces* and Patrick Eiken

### 6E-Systematic Sampling of Lymph Nodes in the Mediastinum

**Chair** - Roberto Casal  
**Co-Chair** - Scott Twaddell  
- Selection of patients for systematic LN staging  
  - Kazuhiro Yasufuku  
- Evidence supporting systematic staging and methodology  
  - Daniel Steinfert  
- Risks/ downsides (increased procedure time etc)  
  - Anne Valerie Gonzalez
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15 a.m.</td>
<td>Transition Break</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Breakout Session 7</td>
</tr>
</tbody>
</table>

### 7A-Complex Airway Cases; Discussion with the Experts

**Chair - David Feller-Kopman**

- *Primum non noceire: management of non-malignant airway obstruction*
  - Christine Argento
- *New Stent Technologies*
  - Thomas Gildea
- *TBM/EDAC: Should we really stent or operate?*
  - Adnan Majid

**Location**: Ballroom 1

### 7B-Endoscopic Management of Pediatric Laryngotracheal Obstruction

**Chair - Karthik Balakrishnan**

**Co-Chair - Catherine Hart**

- Endoscopic and MRI evaluation of persistent OSA after T&A
  - Sally Shott
- Endoscopic management of glottic obstruction: balancing airway, swallowing, and voice
  - Scott Rickert
- Robotic surgery of the pediatric larynx and pharynx
  - Carlton Zdanski

**Location**: Suites 102-103

### 7C-Navigating between Scylla and Charybdis: Optimizing outcome in recalcitrant airway stenosis-

**Chair - James Daniero**

**Co-Chair - David Lott**

- Case-based discussion on “unwinnable” cases of laryngotracheal stenosis, treatment approaches to procedural complications, pearls and pitfalls to patient and family discussion regarding palliation of severe airway obstruction
  - David Lott
  - James Daniero
  - Alessandro de Alarcon
  - Laura Matrka
  - Lyndsay Reder

**Location**: Suites 104-105

### 7D-Controversies in Therapeutic Bronchoscopy

**Chair - Otis Rickman**

- Laser is superior to electro cauter and APC: Pro
  - Carla Lamb
- Laser is superior to electro cauter and APC: Con
  - Momen Wahidi
- Silicone stents are superior to metallic stents: Pro
  - Herve Dutau
- Silicone stents are superior to metallic stents: Con
  - Atul Mehta

**Location**: Suites 110-111
## 7E-Expert Management of Pleural Infections

**Chair - Fabien Maldonado**  
**Co-Chair - Nick Maskell**

- Pleural space infections: the physician's perspective  
  **Nick Maskell**
- Pleural space infections: the surgeon's perspective  
  **Erin Gillaspie**
- Infections of malignant pleural effusions: a clinical conundrum  
  **Samira Shojaee**

**Suites 112-113**

### 10:45 a.m. Transition Break

### 11:00 a.m. Breakout Session 8

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8A-Management of the Complex Asthmatic; Biologics and Thermoplasty</strong></td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>
| **Chair - Vivek Iyer**  
**Co-Chair - Mario Castro** |  
- Overview of Difficult Asthmatic  
  **Mario Castro**  
- Bronchial Thermoplasty is essential for management of the difficult asthmatic - PRO  
  **D. Kyle Hogarth**  
- Bronchial Thermoplasty is essential for management of the difficult asthmatic - CON  
  **Vivek Iyer** |  

| **8B-Aspiration Evaluation and Management** | Suites 102-103 |
| **Chair - R. Paul (Richard) Boesch, D.O.** |  
- Aspiration from the otolaryngologist's perspective  
  **Doug Sidell**  
- Aspiration from the pulmonologist's perspective  
  **R. Paul (Richard) Boesch**  
- Aspiration from the gastroenterologist's perspective  
  **Rayna Grothe** |  

| **8C-Management of Idiopathic Subglottic Stenosis: a unique model** | Suites 104-105 |
| **Chair - Jan Kasperbauer** |  
- Endoscopic and open surgical techniques in managing idiopathic SGS  
  **Jan Kasperbauer**  
- Medical options in treating idiopathic SGS  
  **Dante Schiavo**  
- Balloon dilation - is it safe and effective?  
  **Dale Ekbom** |
### 8D-Gaining Access to the Periphery of the Lung: Multi-Modality Approach

**Chair - Lonny Yarmus**  
**Co-Chair - Grigoris Stratakos**

- Fluoroscopic and real time CT guidance  
  *Stefano Gasparini*  
- Radial EBUS + EMN and VB navigation  
  *Alexander Chen*  
- EMN, VB, TPNA  
  *Hans Lee*

### 8E-Rebiopsy at Disease Progression in Non-Small Cell Carcinoma

**Chair - Septimiu Murgu**  
**Co-Chair - Julian Molina**

- 3 cases:  
  - Progression on EGFR TKI  
  - Progression on 1st gen ALK inhibitors  
  - Progression on standard chemo: switch to immunotherapy based on PD-L1 testing

**Panel:** Julian Molina, Jeffrey Mueller and Septimiu Murgu

---

**12:15 p.m.**  
**Lunch On Your Own**

**1:30 p.m.**  
**Breakout Session 9**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9A-Is Bronchoscopic Lung Cancer Ablation the Next Frontier in Interventional Pulmonology</td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>
| **Chair - Fabien Maldonado**  
**Co-Chair - Shanda Blackmon** | |
| - Robotic bronchoscopy and steerable needles  
  *Robert Webster*  
- Bronchoscopic lung cancer ablation: current state of affairs  
  *Roberto Casal*  
- Lung cancer ablation: the surgeon's perspective  
  *Shanda Blackmon* | |
| 9B-Instructional Strategies for Interventional Pulmonary Training | Suites 102-103 |
| **Chair - Hans Lee**  
**Co-Chair - Darlene Nelson** | |
| - Mastery Based Learning: Padawan to Jedi Master  
  *Darlene Nelson*  
- Deliberate Practice: It’s an Olympic Year  
  *Hans Lee*  
- Feedback: Constructive or just plain mean  
  *Mohsen Davoudi* | |
9C-Models of Multidisciplinary Management of Airway Disease

Chair - Marshall Smith  
Co-Chair - Guri Sandhu

- University of Utah Airway Clinic: Perspectives from Interventional Pulmonology and Laryngology  
  Marshall Smith, Mark Elstad
- Airway Clinics in the UK - Guri Sandhu
- Pediatric Aerodigestive program at Mayo Clinic, Rochester  
  Paul Boesch and Shelagh Cofer

9D-Airway Tuberculosis and Bronchoscopic Intervention

Chair - Hojoong Kim  
Co-Chair - Guangfa Wang  
Co-Chair - Akash Verma

- Pathophysiology of airway stenosis in patients with tuberculosis  
  Akash Verma
- Multimodality intervention for post-tuberculosis tracheobronchial stenosis  
  Guangfa Wang
- Questions and tips for airway intervention in patients with PTTS  
  Hojoong Kim

9E-Molecular Biomarkers for Early Detection of Lung Cancer

Chair - Peter Mazzone  
Co-Chair - David Midthun

- Update on lung cancer screening and the potential role of molecular biomarkers  
  George A. Eapen
- Update on lung nodule evaluation and the potential role of molecular biomarkers  
  Nicholas J. Pastis Jr.
- Current state of molecular biomarkers for the early detection of lung cancer  
  Peter Mazzone

2:45 p.m.  Transition Break

3:00 p.m.  Breakout Session 10

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10A-WABIP Task Force on Stents for Malignant and Benign Stenosis</td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>
| Chair - Septimiu Murgu  
Co-Chair - Antoni Rosell |
### 10B-Airway in the Office: Diagnostics and Therapeutics

**Chair** - Mark Elstad  
**Co-Chair** - Chakravarthy Reddy

- In office awake diagnostic tracheobronchoscopy  
  Aidin Iravani  
- Airway intervention in the office: What can you get away with?  
  Marshall Smith  
- In Office Flexible Endoscopic Carbon Dioxide Laser Surgery for Laryngopharyngeal Diseases.  
  Koji Araki

### 10C-Treating the T1aN0 NSCLC: Technique of choice

**Chair** - Shanda Blackmon  
**Co-Chair** - Massimo Torre

**Approach:**

- VATS Segmentectomy is best  
  Stephen Cassivi  
- Bronchoscopic guided lung ablation is better than any surgery  
  Janani Reisenauer

**Issues:**

- What to do with the borderline surgical patient  
  Dennis Wigle  
- Novel robotic technology  
  Lana Schumacher  
- Novel hybrid technology and image-guided surgery  
  Kazuhiro Yasufuku

### 10D-Novel Surgical Therapies in Idiopathic Subglottic Stenosis (iSGS)

**Chair** - Guri Sandhu  
**Co-Chair** - Alexander Hillel

- Endoscopic CO2 Wedge Resection without Dilation  
  Jan Kasperbauer  
- The Maddern Procedure  
  Guri Sandhu  
- The Learning Curve in the ‘Maddern Procedure’  
  Robert Lorenz  
- Bridging the gap between basic science and clinical medicine in idiopathic subglottic stenosis  
  Alexander Gelbard
### 10E-Oral Presentations

**Chair – Henri Colt**  
**Co-Chair – Guangfa Wang**

- A randomized control trial - the utility of virtual bronchoscopy using workstation to diagnostic bronchoscopy for peripheral pulmonary lesions  
  **Yuji Matsumoto**
- Physician-based endobronchial ultrasound-guided sampling techniques are not inferior to virtual bronchoscopic navigation combined with endobronchial ultrasound to diagnose peripheral pulmonary lesions: a randomised trial  
  **Anan Wattanatham**
- Comparison of CT-Guided, Conventional Transbronchial, and ENB-Guided Biopsy for Diagnosing Lung Cancer: Initial Experience from Singapore  
  **Akash Verma**
- A randomized trial of ultrathin versus thin bronchoscopy using multiple guidance modalities to diagnose peripheral pulmonary lesions: Preliminary results  
  **Hideo Saka**
- Evaluation of the diagnostic value of electromagnetic navigational guided targeted-bronchoalveolar lavage (T-BAL) in the diagnosis of lung cancer  
  **Timothy Roedder**
- The guide sheath method reduces hemorrhagic complications of transbronchial lung biopsy  
  **Hirohisa Horinouchi**
- Peritube flexible bronchoscopy. A useful and safe endoscopic approach in critical patients  
  **Carlos Disdier Vicente**

### Schedule

**4:15 p.m.**  
Adjourn

**Saturday, June 16, 2018**

**6:30 a.m.**  
Registration and Continental Breakfast

**7:00 a.m.**  
Breakfast with the Professor: Roundtable Discussions with Faculty

**8:00 a.m.**  
Breakout Session 11

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11A-Chylothorax: Diagnosis and Management</td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>

**Chair - Frank Nichols**  
**Co-Chair - Ryan Kern**

- Diagnosis and Presentation of Chylothorax  
  **Ken Sakata**
- Management of Chylothorax: Case Discussion and Mayo Experience  
  **Janani Reisenauer**
### 11B-Using technology to transform multi-institutional collaboration and clinical trials

**Chair** - Alexander Gelbard  
**Co-Chair** - David Francis

- Harnessing digital tools to study rare disease – Alexander Gelbard  
- Quantitative analysis of patient generated health data - David Francis

### 11C-Early stage lung cancer and premalignant lesions - the bronchoscopists view

**Chair** – Erik van der Heijden

- Endoscopic diagnosis with Optical Coherence Tomography - Melissa Suter  
- Narrow band imaging and premalignant lesion detection - Bojan Zaric  
- I-scan image enhancement techniques, multicenter study results - Erik van der Heijden

### 11D-Global Interventional Pulmonary Training

**Chair** - Hans Lee  
**Co-Chair** - John Mullon

- Interventional Training in Europe - Lorenzo Corbetta  
- Interventional Pulmonary Training in Asia - Qiang Li  
- Interventional Pulmonary Training in North America - John Mullon
11E-Oral Presentations

Chair – David Fielding

- Awake uniportal VATS lung biopsy in non-intubated patients: feasibility and results in the diagnosis of undetermined interstitial lung disease
  Laura Riva
- CT-fluoroscopic guidance for performance of targeted transbronchial cryobiopsy: a preliminary report
  Daniel Steinfort
- Unusual foreign bodies in unusual patients
  Ambrus Szantho
- Correlation study between the sample size and freezing gas pressure in transbronchial lung cryobiopsy
  Xiaobo Chen
- Is there a connection between bronchoscopy findings and radiographic stage of sarcoidosis? - our experience
  Spasoje Popevic
- Fluorescein-aided probe-based confocal laser endomicroscopy (pCLE) for detection of lung cancer
  Kiyoshi Shibuya
- The efficacy and safety of transbronchial lung cryobiopsy in interstitial lung disease: A prospective study
  Xiaobo Chen

9:15 a.m. Transition Break

9:30 a.m. Breakout Session 12

<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>12A-Management of Stage III NSCLC: The Importance of the Multidisciplinary Tumor Board</td>
<td>Ballroom 1</td>
</tr>
</tbody>
</table>

Chair - Nicholas Pastis
Panel: Hiren Mehta and Brett Bade
<table>
<thead>
<tr>
<th>Topic</th>
<th>Chair</th>
<th>Co-Chair</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12B-GERD in Idiopathic Subglottic Stenosis</td>
<td>Joel Blumin</td>
<td>Magnus Halland</td>
<td>- Reflux, Pepsin, and Airway Stenosis &lt;br&gt; Joel Blumin &lt;br&gt; - Upright reflux in idiopathic SGS patients &lt;br&gt; Hongfei Fang &lt;br&gt; - Best current management – medical treatment and otherwise &lt;br&gt; Magnus Halland &lt;br&gt; - Pepsin and the Airway: Current State of Research &lt;br&gt; Nikki Johnston</td>
</tr>
<tr>
<td>12C-3-D Printing and Modeling: Use in surgical planning and education</td>
<td>Ryan Kern</td>
<td>Jane Matsumoto</td>
<td>- Moving From Modeling to Manufacturing-Personalized Airway Stents &lt;br&gt; George Cheng</td>
</tr>
<tr>
<td>12D-Photodynamic Therapy in Thoracic Malignancies</td>
<td>Rudy Lackner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12E-Oral Presentations</td>
<td>Stefano Gasparini</td>
<td>Zsolt Papai</td>
<td>- Use of endo-bronchial end-tidal CO2 test for the location of the pleural air leakage in intractable pneumothorax &lt;br&gt; Yiming Zeng &lt;br&gt; - Optimising the lung cancer diagnosis by EBUS-TBNA and ROSE in Romania &lt;br&gt; Marioara Simon &lt;br&gt; - Is USG Morphological Features on EBUS TBNA useful for predicting malignancy? &lt;br&gt; Umang Shah &lt;br&gt; - At EBUS TBNA the DNA content on Rapid On site Examination (ROSE) slides is consistently higher than DNA content of Cell Block, and is independent of number of needle passes. &lt;br&gt; David Fielding &lt;br&gt; - How many groups of the mediastinal lymph nodes should be punctured during EBUS in cases of the mediastinal lymphadenopathy? &lt;br&gt; Igor Vasilev &lt;br&gt; - Touch imprint cytology of Radial EBUS forceps biopsy for the diagnostic of pulmonary nodules &lt;br&gt; Jorge Dionisio &lt;br&gt; - Endobronchial Ultrasound Elastography: Validation of a standardized technique for mediastinal staging in non-small cell lung cancer &lt;br&gt; Lokesh Yagnik</td>
</tr>
</tbody>
</table>

10:45 a.m.  Transition Break
<table>
<thead>
<tr>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>13A-Lung Transplantation: Complications from an Interventional Pulmonologists Perspective</strong></td>
<td>Ballroom 1</td>
</tr>
<tr>
<td>Chair - David Feller-Kopman</td>
<td></td>
</tr>
<tr>
<td>Co-Chair - Michael Machuzak</td>
<td></td>
</tr>
<tr>
<td>• Airway Complications in Lung Transplantation</td>
<td></td>
</tr>
<tr>
<td>Michael Machuzak</td>
<td></td>
</tr>
<tr>
<td>• Pleural Complications in Lung Transplantation</td>
<td></td>
</tr>
<tr>
<td>Ryan Kern</td>
<td></td>
</tr>
<tr>
<td>• Growing New Airways</td>
<td></td>
</tr>
<tr>
<td>George Cheng</td>
<td></td>
</tr>
<tr>
<td><strong>13B-The Introduction of New Bronchoscopic Technologies Into Latin America</strong></td>
<td>Suites 102-103</td>
</tr>
<tr>
<td>Chair - Hector Defranchi</td>
<td></td>
</tr>
<tr>
<td>Co-Chair - Pedro Grynblat</td>
<td></td>
</tr>
<tr>
<td>• Emphysema treatment with one way valves in Latin America</td>
<td></td>
</tr>
<tr>
<td>Pedro Grynblat</td>
<td></td>
</tr>
<tr>
<td>• Lung Cryobopsy in Latin America</td>
<td></td>
</tr>
<tr>
<td>Sebastian Fernandez Bussy</td>
<td></td>
</tr>
<tr>
<td>• Endobronchial Ultrasound in Latin America</td>
<td></td>
</tr>
<tr>
<td>Marcia Jacomelli</td>
<td></td>
</tr>
<tr>
<td>• Brochial Thermoplasty in Latin America</td>
<td></td>
</tr>
<tr>
<td>Teresa Aguirre</td>
<td></td>
</tr>
<tr>
<td><strong>13C-WABIP Rare Lung, Airway and Pleural Disorders</strong></td>
<td>Suites 104-105</td>
</tr>
<tr>
<td>Chair - Kassem Harris</td>
<td></td>
</tr>
<tr>
<td>Co-Chair - Samjot Singh Dhillon</td>
<td></td>
</tr>
<tr>
<td>• Case Discussion</td>
<td></td>
</tr>
<tr>
<td>Shaheem Islam</td>
<td></td>
</tr>
<tr>
<td>• Case Discussion</td>
<td></td>
</tr>
<tr>
<td>Hans Lee</td>
<td></td>
</tr>
<tr>
<td>• Case Discussion</td>
<td></td>
</tr>
<tr>
<td>Wolfgang Hohenforst-Schmidt</td>
<td></td>
</tr>
</tbody>
</table>
### 13E-Oral Presentations

**Chair – Silvia Quadrelli**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interventional Pulmonology in the Era of Precise Medicine</td>
<td>Guangfa Wang</td>
</tr>
<tr>
<td>Two-staged surgery without parenchyma resection for endobronchial carcinoid tumour</td>
<td>Oleg Pikin</td>
</tr>
<tr>
<td>Cricothyroid versus spray as you go method for lignocaine administration during flexible bronchoscopy (CRISP): A randomized controlled trial NCT02981277</td>
<td>Karan Madan</td>
</tr>
<tr>
<td>Prognostic factors of long-term results after palliative surgical treatment for severe pulmonary emphysema</td>
<td>Andrey Akopov</td>
</tr>
<tr>
<td>Swine model of successful sympathetic block via Endobronchial Ultrasound (EBUS) guided transtracheal needle injection of lidocaine</td>
<td>Diana Yu</td>
</tr>
<tr>
<td>Plasma and Exhaled Alveolar Breath Condensate microRNAs as early biomarkers of asbestos related respiratory diseases in industrial areas: (ARRDIA) a study protocol for a prospective biologically enriched observational trial</td>
<td>Paolo Albino Ferrari</td>
</tr>
<tr>
<td>Traumatic Bronchial Injury. The role of the Interventional Pulmonologist in initial stabilization</td>
<td>Gustavo Cumbo-nacheli</td>
</tr>
</tbody>
</table>

**Schedule**

- **12:15 p.m.** Transition Break
- **12:30 p.m.** Closing Ceremony
  - Ballroom 1
- **1:00 p.m.** Adjourn