

# 3<sup>rd</sup> International Conference Sublobar Resections for Lung Cancer

October 29<sup>th</sup> & 30<sup>th</sup>, 2021  
Yamagata Terra - Japan



**HYBRID CONFERENCE**

## PROGRAM

[japan.international-conference-sublobar.com](http://japan.international-conference-sublobar.com)



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# ORGANISATION



**Dates** 29<sup>th</sup> & 30<sup>th</sup> of October, 2021  
**City** Yamagata Terrsa, Japan  
**Participants** Hybrid meeting

## VENUE

**Friday 29<sup>th</sup> and Saturday 30<sup>th</sup> of October :**

YAMAGATA TERRSA  
1 Chome-2-3 Futabacho  
Yamagata, 990-0828, JAPAN

## WEBSITE OF THE CONFERENCE

[japan.international-conference-sublobar.com](http://japan.international-conference-sublobar.com)

## ORGANIZING DESK

### **European/US Contact**

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# FACULTY

Takashi	Arai	Japan
Shanda	Blackmon	USA
Alex	Brunelli	England
Christopher	Cao	Australia
Robert J	Cerfolio	USA
Yin-Kai	Chao	Taiwan
Liang	Chen	China
Masayuki	Chida	Japan
Hiroshi	Date	Japan
Joel	Dunning	England
Diego	Gonzales Rivas	China
Dominique	Gossot	France
Calvin SZE	Hang NG	China
Yasuhito	Hagiwara	Japan
Hisashi	Iwata	Japan
Hyun Koo	Kim	Korea
Tadasu	Kohno	Japan
Kelvin	Lau	UK
Hideki	Miyazawa	Japan
Yoshihiro	Miyata	Japan
Takeshi	Mori	Japan
Mingyon	Mun	Japan
Hiroaki	Nomori	Japan
Hiroyuki	Oizumi	Japan
René	Petersen	Denmark
Gaetano	Rocco	USA
Masaaki	Sato	Japan
Noriyoshi	Sawabata	Japan
Agathe	Seguin-Givelet	France
Yasuo	Sekine	Japan
Kimihiko	Shimizu	Japan
Satoshi	Shiono	Japan
Alan D	Sihoe	China
Kenji	Suzuki	Japan
Lijie	Tan	China
Yasuji	Terada	Japan
Jitsuo	Usuda	Japan
Shun-Mao	Yang	Taiwan

\* This list is pending on final confirmation of the faculty

# DRAFT AGENDA



Friday, October 29<sup>th</sup>, 2021

8:15-8:20 Opening remarks - **Hiroyuki Oizumi, Japan**

## Session 1 : Emerging Technologies

Moderators : H. Nomori (Japan) and D. Gossot (France)

8:20-8:30 Articulating endoscopic devices - **Hyun Koo Kim, Korea**

8:30-8:40 Articulating endoscopic devices and Sublobar resection - **Joel Dunning, UK**

8:40-8:50 Transbronchial Microwave Ablation - **Calvin Sze Hang Ng, Hong Kong, China**

8:50-9:00 Photodynamic Therapy - **Jitsuo Usuda, Japan**

9:00-9:10 Cryoablation for primary lung cancer - **Hiroaki Nomori, Japan**

9:10-9:20 Proton Beam and Carbon Ion Radiotherapy - **Yasuhito Hagiwara, Japan**

9:20-9:25 Discussion

## Session 2 : Anatomy and planning

Moderators : K. Shimizu (Japan) and S. Blackmon (USA)

9:25-9:35 Understanding the nomenclature of lung Segments - **Hisashi Iwata, Japan**

9:35-9:45 Controversies on Segment nomenclature - **Takashi Arai, Japan**

9:45-9:55 Classification of Bronchovascular Branching from 3DCT - **Kimihiro Shimizu, Japan**

9:55-10:05 Anatomical basis and planning of Segmentectomy - **Hideki Miyazawa, Japan**

10:05-10:12 3D modeling - **Liang Chen, China**

# DRAFT AGENDA



Friday, October 29<sup>th</sup>, 2021

10:12-10:19 3D printing - **Shanda Blackmon, USA**

10:19-10:25 Discussion of these 2 last topics

**10:25 - 10:55 : Break**

## Session 3 : How to manage Intersegmental Plane (1)

Moderators : J. Usuda (Japan) and A. Sihoe (Hong Kong, China)

### Identification

10:55-11:05 Inflation deflation Line - **Liang Chen, China**

11:05-11:15 Use of ICG, Systemic - **Mingyon Mun, Japan**

11:15-11:25 Use of ICG, Transbronchial - **Yasuo Sekine, Japan**

11:25-11:35 Intersegmental Vein - **Hiroyuki Oizumi, Japan**

11:35-11:45 Discussion

### Abstract Session

Moderators: Y. Terada (Japan) and S. Yang (Taiwan)

11:45-11:55 A Modified System for Classifying the Bilateral Superior Pulmonary Veins Using Three-Dimensional Computed Tomography Bronchography and Angiography Images  
**Jun Wang, China**

11:55-12:05 Three-Dimensional Partition of Lung Field Based on Depth Ratio - **Jun Wang, China**

12:05-12:15 Developing Virtual Reality Simulation System with Head-mounted Displays for Preoperative Planning of Thoracoscopic Sublobar Resection - **Hideki Ujiie, Japan**

# DRAFT AGENDA



Friday, October 29<sup>th</sup>, 2021

## Luncheon Symposium by Medtronic

Moderator and special commentator : T. Sato (Japan)

12:15-13:05

Clinical experience with ENB and dye marking to identify smaller nodules prior to resection and powered stapler to optimize safe surgical margins during resection  
**Masaaki Sato, Japan, Yoshihisa Shimada, Japan**

## Session 4 : How to manage Intersegmental Plane (2)

Moderators : T. Mori (Japan) and H. Kim (Korea)

### Division

13:05-13:15

Electrocautery - **Yoshihiro Miyata, Japan**

13:15-13:25

Blunt dissection - **Yasuji Terada, Japan**

13:25-13:35

Stapler - **Tadasu Kohno, Japan**

13:35-13:45

Consequences of stapling - **Agathe Seguin-Givelet, France**

13:45-13:55

Discussion

## Session 5 : Approaches to Segmentectomy

Moderators : Y. Miyata (Japan) and A. Seguin-Givelet (France)

13:55-14:03

Hybrid approach - **Yoshihiro Miyata, Japan**

# DRAFT AGENDA



Friday, October 29<sup>th</sup>, 2021

14:03-14:11

Multiportal approach - **Agathe Seguin-Givelet, France**

14:11-14:19

Uniportal approach - **Diego Gonzalez Rivas, Spain & China**

14:19-14:27

Needlescopic assisted VATS - **Shun-Mao Yang, Taiwan**

## Session 6 : What are the results of SLR ? And Future Perspectives

Moderators : S. Shiono (Japan) and D.Gossot (France)

14:27-14:42

Lung physiology after Segmentectomy - **Hiroaki Nomori, Japan**

14:42-14:57

Morbidity of SLR versus Lobectomies - **Christopher Cao, Australia**

14:57-15:10

Perspective of Sublobar Resection based on the JCOG Studies (1) - **Satoshi Shiono, Japan**

15:10-15:23

Perspective of Sublobar Resection based on the JCOG Studies (2) - **Yoshihiro Miyata, Japan**

15:23-15:27

Discussion

**15:27 - 15:57 : Break**

## Session 7 : Clinical cases

Moderators : H. Iwata (Japan) and L.Tan (China)

15:57-16:07

Clinical case 1 - **Jun Suzuki, Yamagata Univ**

16:07-16:17

Clinical case 2 - **Alessio Mariolo, Institute Curie-Montsouris**

16:17-16:27

Clinical case 3 - **René Petersen, Denmark**



# DRAFT AGENDA



Friday, October 29<sup>th</sup>, 2021

## Session 8 : Sublobar resection : Indications

Moderators : K. Suzuki (Japan) and R. Petersen (Denmark)

- 16:27-16:37 State of the art - **Alex Brunelli, UK**
- 16:37-16:47 For GGOs and Solid tumors - **Kenji Suzuki, Japan**
- 16:47-16:57 Multifocal NSCLC : how to deal with ? - **Alan Sihoe, Hong Kong, China**
- 16:57-17:07 Lymph node dissection for SLRs: why and how ? - **Dominique Gossot, France**
- 17:07-17:17 Discussion
- 17:17-17:32 Lecture: SLR: current evidence and future challenges - **Christopher Cao, Australia**

End of the day

# DRAFT AGENDA

Saturday, 30<sup>th</sup> October, 2021

## Morning Seminar by Fujifilm

Moderator and special commentator : T. Yoshikawa (Japan)

7:30-8:15

SYNAPSE VINCENT/3D in Global Field and Future Prospects

- How has preoperative 3D-CT been Widely used in Japan ? **Toyofumi Yoshikawa, Japan**
- Advanced Image Guidance for Minimally Invasive Anatomical Sublobar Resection **Kazuhiro Yasufuku, Canada**

## Session 9 : Problems with sublobar resections

Moderators : H. Oizumi (Japan) and R. Cerfolio (USA)

8:15-8:25

Wedge resection : is it that simple ? Assessment of Surgical margin  
**Noriyoshi Sawabata, Japan**

8:25-8:35

Spread through air spaces - **Satoshi Shiono, Japan**

8:35-8:45

Does survival differ by Segments ? - **Gaetano Rocco, USA**

8:45-8:55

Complications of Segmentectomies - **Dominique Gossot, France**

8:55-9:05

Management of local recurrence after Segmentectomy - **Takeshi Mori, Japan**

9:05-9:15

Completion lobectomy after Segmentectomy - **Hiroyuki Oizumi, Japan**

9:15-9:25

Discussion

## Session 10 : Technical Session (Images & Video) 1 : How do I perform precise segmentectomy

Moderators : T. Kohno (Japan)

9:25-9:35

VATS Segmentectomy, right. S1 - **Tadasu Kohno, Japan**

# DRAFT AGENDA



Saturday, 30<sup>th</sup> October, 2021

- 9:35-9:45 VATS Segmentectomy (Uniportal) left S1-3 - **Alan Sihoe, Hong Kong, China**
- 9:45-9:55 Robotic Segmentectomy, right S2 - **Yin-Kai Chao, Taiwan**
- 9:55-10:05 Robotic Segmentectomy, right S7, and S8 - **Robert Cerfolio, USA**

**Break : 10h05 - 10h35**

## Session 11 : Nodule localization

Moderators : M. Sato (Japan) and Yin-Kai Chao, (Taiwan)

- 10:35-10:45 Preoperative localization of the target nodule : overview - **Masaaki Sato, Japan**
- 10:45-10:55 Solid marker localization - **René Petersen, Denmark**
- 10:55-11:05 Transbronchial localization of the target nodule - **Calvin Sze Hang Ng, Hong Kong, China**
- 11:05-11:15 Hybrid OR - **Yin-Kai Chao, Taiwan**
- 11:15-11:25 Augmented fluoroscopic bronchoscopy (AFB) localization - **Shun-Mao Yang, Taiwan**
- 11:25-11:35 Micro-tip signa - **Hiroshi Date, Japan**
- 11:35-11:45 Discussion

## Abstract Session

Moderators: M. Chida (Japan) and L. Chen (China)

- 11:45-11:55 ARTISENTIAL™-guided VATS-LASER atypical lung resection of peripheral pulmonary nodules AS A NEW SURGICAL minimally-invasive TECHNIQUE - **Alexander Kern, Germany**
- 11:55-12:05 Lingular Segmentectomy with bronchoplasty for second primary lung cancer after ipsilateral lower Lobectomy - **Jun Amioka, Japan**

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Saturday, 30<sup>th</sup> October, 2021

12:05-12:15

Individualized Dorsal-basal Segment (S10) Resection by Using Intersegmental Veins as the Landmark - **Zhicheng He, China**

## Luncheon Seminar by Olympus

Moderator : H. Oizumi (Japan)

12:15-13:10

The latest tips for Segmentectomy - Fluorescence imaging and Robotic surgery  
**Yasuo Sekine, Japan, Hisashi Iwata, Japan**

## Session 12 : Technical Session (Images & Video) 2 : Complex (VATS ?) Segmentectomy

Moderators : M. Mun (Japan) and A. Brunelli (UK)

13:10-13:20

Sleeve Segmentectomy (S6) - **Masayuki Chida, Japan**

13:20-13:30

VATS Subsegmentectomy - **Liang Chen, China**

13:30-13:40

VATS Individual Segmentectomy of Basilar Segment - **Hiroyuki Oizumi, Japan**

13:40-13:50

Robotic Segmentectomy - **Kenji Suzuki, Japan**

13:50-14:00

Robotic Segmentectomy, right S8+9 - **Kelvin Lau, UK**

14:00-14:10

Complex VATS Segmentectomy - **Lijie Tan, China**

14:10-14:20

Discussion

# DRAFT AGENDA



Saturday, 30<sup>th</sup> October, 2021

## Session 13 : How to manage air leakage during and after operation ?

Moderators: H. Date (Japan) and A. Sihoe (Hong Kong, China)

- 14:20-14:30 Japanese style - **Takeshi Mori, Japan**
- 14:30-14:40 European style - **René Petersen, Denmark**
- 14:40-14:50 Chinese style - **Alan D Sihoe, Hong Kong, China**
- 14:50-15:00 Discussion

**Break : 15h00 - 15h30**

## Abstract video Session

Moderators: Y. Sekine (Japan) and K. Lau (UK)

- 15:30-15:40 Thoracoscopic right S9+10 Segmentectomy: subxiphoid approach and anatomical multimodal planning strategy - **Karel Pfeuty, France**
- 15:40-15:50 Uniportal VATS Left S1+2c+S3a combined Subsegmentectomy - **Kei Sakamoto, Japan**
- 15:50-16:00 Thoracoscopic Sub-Subsegmentectomy of hamartoma: collateral ventilation method for intersegmental plane identification - **Fei Yao, China**
- 16:00-16:10 Closing Remarks - **D. Gossot, France**

**End of the conference**