

**IFSES 17th World Congress of Endoscopic Surgery**  
**Hosted by the 29th International Congress of the European Association for Endoscopic Surgery,**  
**incorporating the 16th Meeting of the section of Minimally Invasive Surgery and Technological**  
**Innovation of the Spanish Association of Surgery.**

**Wednesday 24, Thursday 25, Friday 26 and Saturday 27 November 2021**

**Location: CCIB Barcelona, Spain**

**Theme: EAES goes global**



**Wednesday, 24<sup>th</sup> November 2021**

**UEMS1.** UEMS Practical exams  
Course director: Marek Soltés  
Whole day

**TS1.** Technology symposium

**Symposium directors: Michele Diana (France), Stefania Marconi (Italy)**

**Room: .....**

**Session 1: How realistic is 3D printing for surgery today?**

- 09.00 - 09.20 Facts and figures of 3D printing - Andrea Pietrabissa (Italy)
- 09.20 - 09.40 Towards patient specific simulation for preoperative planning - Stefania Marconi (Italy)
- 09.40 - 10.00 Can 3D printing help in teaching complex anatomy cases? - Felix Nickel (Germany)
- 10.00 - 10.20 Use of 3D printers for medical devices on demand - Kiyokazu Nakajima (Japan)

**10.30 - 11.00 Coffee break**

**Session 2: Fluorophores in the clinical practice today and tomorrow**

- 11.00 - 11.20 Current achievements in perfusion issues - Manish Chand (UK)
- 11.20 - 11.40 Does it help in lymphadenectomy? - Riccardo Rosati (Italy)
- 11.40 - 12.00 Is it preventing biliary tract injuries? - Luigi Boni (Italy)
- 12.00 - 12.20 Smart fluorophores and hyperspectral imaging - Michele Diana (France)
- 12.20 - 12.40 Targeted fluorophores for surgical oncology precision - Alexander Vahrmeijer (The Netherlands)

**12.40 - 14.00 Speed dating lunch (logistics via congress app) 4 x 20 minutes per expert**

**Location: .....**

1. Robotics: Pietro Valdastrì (UK)
2. Imaging technologies: Michele Diana (France)
3. Endoluminal surgery: Kiyokazu Nakajima (Japan)
4. Machine learning: Chen Sagiv (Israel)
5. 3D printing & simulation: Stefania Marconi (Italy)
6. Cognitive surgery: George Mylonas (UK) & Fanny Ficuciello (Italy)
7. How to create a start-up company: Tim Horeman (The Netherlands)

**TS2. Amazing Technologies**

Chairs: Yoav Mintz (Israel), Tim Horeman (The Netherlands)

14.00 - 14.15 The EAES intellectual property awareness survey - Kiyokazu Nakajima (Japan)

Afternoon 14.00 - 17.30 hrs

**MC1. EAES Research Talent Academy**

Chairs: Sheraz Markar (UK), .....

**Session 1: Creating Diversity in Academic Surgery**

10.00 - 10.30 Creating gender diversity - Delia Cortes Guiral (Spain)

10.30 - 11.00 Introducing BAME - Patricia Sylla (USA)

11.00 - 11.30 Balancing work-life balance as an academic surgical couple -  
Mark van Berge Henegouwen & Suzanne Gisbertz (Netherlands)

11.30 - 12.00 Panel discussion

**Session 2: Future surgical research**

14.00 - 14.30 Artificial intelligence - Felix Nickel (Germany)

14.30 - 15.00 Robotic surgery - Richard van Hillegersberg (Netherlands)

15.00 - 15.30 Non-invasive diagnostics - George Hanna (UK)

15.30 - 16.00 Imaged-guided surgery - Manish Chand (UK)

**MC3. Ta-TME: Transanal total mesorectal excision for rectal cancer**

Course director: Michel Adamina (Switzerland)

Whole day

09:30 - 10:00 Registration and welcome coffee

10:00 - 10:05 Course outline & objectives - Michel Adamina (Switzerland)

10:05 - 10:20 An overview of rectal cancer surgery; current evidence - Nicolas Buchs (Switzerland)

10:20 - 10:40 Rationale, indications, and benefits of ta-TME - Michel Adamina (Switzerland)

10:40 - 11:00 The perfect operation: operative room setup, devices, and instruments - Frederic Ris (Switzerland)

11:00 - 11:20 The perfect operation: surgical technique step by step - Nicolò de Manzini (Italy)

11:20 - 11:40 The less than perfect operation: pitfalls and complications - Juriaan Tuynman (The Netherlands)

11:40 - 12:00 Discussion - all faculty

12:00 - 13:00 Lunch break

13:00 - 13:20 Pelvic anatomy revisited / pelvic nerve preservation - Isacco Montroni (Italy)

13:20 - 13:40 Beyond cancer: other indications for the transanal approach - Antonino Spinelli (Italy)

13:40 - 14:25 Unedited videos - all faculty

14:25 - 14:45 Introducing ta-TME at home: advice and tricks of the trade - Patricia Sylla (USA)

14:45 - 15:00 Discussion - all faculty

15:00 - 15:30 Coffee break

15:30 - 15:45 Practical course and post course mentoring programme - Michel Adamina (Switzerland)

15:45 - 16:10 Discussion - all faculty

16:10 - 16:20 Course evaluation

16:20 - 16:30 Closure

**HO1. Flexible Endoscopy HANDS ON**

Course director: Silvana Perretta (France)

Whole day 09.00 - 17.00 hrs

**Tutors: Andras Legner (Austria), Margherita Pizzicannella (Italy), Andrea Spota (France), Antonello Forgione (Italy), James Ellsmere (Canada), Maurizio Fazi (Italy), Aurora Pryor (USA), Mauro Verra (Italy), Karl-Hermann Fuchs (Germany)**

**Assistant: Agnès Gronfier (France)**

**Room: .....**

**09.00 - 17.00 hrs**

**10 stations, 10 tutors for 20 participants**

**HO2. Laparoscopic suturing HANDS ON. 2 of the same half day courses**

Course director: Thomas Carus (Germany)

13.30 - 15.00 hrs

**HO3. Laparoscopic suturing HANDS ON. 2 of the same half day courses**

Course director: Thomas Carus (Germany)

15.30 - 17.00 hrs

**MC4. Fluorescence - Let's see the invisible and improve outcomes in surgery**

Course directors: Michele Diana (France), Luigi Boni (Italy), Alberto Arezzo (Italy), Raul Rosenthal (USA)

Afternoon, half day

14.00 - 14.20 The International Society for Fluorescence Guided Surgery - Fernando Dip (Argentina)

14.20 - 14.40 FIGS in general surgery clinical applications - Salvador Morales Conde (Spain)

14.40 - 15.00 Improving outcomes with FIGS developments and advancements? - Manish Chand (UK)

15.00 - 15.20 Improving assessment of intestinal perfusion? - Ronan Cahill (Ireland)

15.20 - 15.40 COFFEE BREAK

15.40 - 16.00 NIR urinary tract enhanced visualisation - Mahdi Al-Taher (The Netherlands)

16.10 - 16.30 How to increase adoption - Luigi Boni (Italy)

16.30 - 16.50 IRCAD-EAES Surgery registry - Andrea Spota (Italy)

16.50 - 17.10 EAES consensus conference on Fluorescence - Elisa Cassinotti (Italy)

17.10 - 17.30 The future of fluorescence is bright - Michele Diana (France)

17.30 - 17.50 Panel discussion question and answer session - All

OPENING CEREMONY

WELCOME RECEPTION

**Core scientific programme**

**Thursday, 25<sup>th</sup> November 2021**

07.30 - 08.30 Free paper oral or video

Room1

Stream:

**S01 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room2

Stream:

**S02 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room3

Stream:

**S03 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room4

Stream:

**S04 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room5

Stream:

**S05 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room6

Stream:

**S06 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room7

Stream:

**S07 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room8

Stream:

**S08 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room9

Stream:

**S09 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room10

Stream:

**S10 TITLE**

Chairs: .....

Abstracts

08.30 - 10.00 Free paper oral

Room1

Stream: Colorectal

**S11 What's new in colorectal surgery?**

**Chairs: Patricia Sylla (USA), Dejan Ignjatovic (Norway), Silviu Preda (Romania)**

08.30 - 08.45 What is new in colorectal surgery? - Patricia Sylla (USA)

Abstracts

08.30 - 10.00 Scientific session

Room2

Stream: International

**S12 JSES SESSION 1 Robotic surgery in the world**

Chairs: Andrea Pietrabissa (Italy), Masahiko Watanabe (Japan), Eduardo Targarona (Spain)

08.30 - 08.45 Robotic surgery in Upper GI - Ichiro Uyama (Japan) Prof.

08.45 - 09.00 Robotic surgery in Colorectal - Ichiro Takemasa (Japan) Prof.

09.00 - 09.15 Robotic surgery in HPB - Yuichi Nagakawa (Japan)

09.15 - 09.30 Italy: Robotics in general surgery - Graziano Ceccarelli (Italy)

09.30 - 09.45 FREEPAPER

08.30 - 10.00 Free paper oral

Room3

Stream: Robotics

**S13 What's new in robotic surgery and already available?**

**Chairs: Philip Chiu (Hong Kong), Amjad Parvaiz (UK)**

Abstracts

09.00 - 09.15 What is new in robotic surgery and already available? - Philip Chiu (Hong Kong)

Abstracts

08.30 - 10.00 Free paper oral

Room4

Stream: Bariatrics

**S14 What's new in bariatric surgery?**

**Chairs: Aurora Pryor (USA), Ramon Vilallonga (Spain)**

08.30 - 08.45 What is new in bariatric surgery? - Aurora Pryor (USA)

Abstracts

08.30 - 10.00 Free paper oral

Room5

Stream: UGI

**S15 What's new in oesophageal and gastric cancer surgery?**

**Chairs: Noriyuki Inaki (Japan), Gustavo Rodriguez (Uruguay), György Lázár (Hungary)**

Abstract

08.45 - 09.00 What is new in oesophageal cancer surgery? - Noriyuki Inaki (Japan)

09.00 - 09.15 What is new in gastric cancer? Young Woo Kim (Korea)

Abstracts

08.30 - 10.00 Free paper oral

Room6

Stream: HPB

**S16 What's new in hepatic-pancreatic surgery?**

**Chairs: Mustapha Adham (France), Selman Uranüs (Austria)**

Abstracts

09.00 - 09.15 What is new in liver surgery? - David Geller (USA)

09.15 - 09.30 What is new in pancreatic surgery? - Horacio Asbun (USA)

Abstracts

08.30 - 10.00 Free paper oral

Room7

Stream: Solid/Endocrine/Miscellaneous

**S17 What's new in thyroid surgery?**

**Chairs: Hoon-Yub Kim (Korea), Andreas Shamiyeh (Austria)**

08.30 - 08.45 What is new in thyroid surgery? - Hoon-Yub Kim (Korea)

08.45 - 09.00 The role of the electronic nose in predicting thyroid cancer - Sanne Engelen  
(The Netherlands)

Abstracts

08.30 - 10.00 Scientific session

Room8

Stream: General

**S18 The creation of the perfect team to create excellent outcome of your surgery**

**Chairs: Thanjakumar Arulampalam (UK), Ewelina Malanowska (Poland), Gerald Fried (Canada)**

08.30 - 08.50 Beyond the age of the master builder: Creating high performing teams in for  
healthcare in the 20's - Ben Tipney (UK)

08.50 - 09.10 Burnout in surgeons: Talking the talk but not walking the walk -  
Thanjakumar Arulampalam (UK)

09.10 - 09.30 Team dynamics and how to create the correct psychological space - Carol-Anne  
Moulton (Canada)

09.30 - 09.50 One team. The point of view of other professions - Aurelio Balagué (Spain)

08.30 - 10.00 Free paper oral

Room9

Stream: Hernia

**S19 What's new in hernia surgery?**

**Chairs: Salvador Morales Conde (Spain), Adrian Park (USA)**

Abstract

08.45 - 09.00 What is new in hernia surgery? - Filip Muysoms (Belgium)

Abstracts

08.30 - 10.00 Free paper session

Room10

Stream: General

**S20 TITLE**

Chairs: .....

Abstracts

10.00 - 10.30 COFFEE BREAK

10.30 - 12.00 Scientific session

Room1

Stream: General, UGI, HBP, International

**S21 Tips and tricks from Asia**

Chairs: I-Shu Chen (Taiwan), .....

10.30 - 10.45 operative flexible endoscopy - Philip Chiu (Hong-Kong)

10.45 - 11.00 How to perform transoral thyroidectomy - Hoon Yub Kim (Korea)

11.00 - 11.15 How to perform endoscopic oesophagectomy - Yin-Kai Chao (Taiwan)

11.15 - 11.30 How to perform laparoscopic liver resection - Go Wakabayashi (Japan)

11.30 - 11.45 FREEPAPER

10.30 - 12.00 Scientific session

Room2

Stream: Hernia

**S22 AEC1: Component separations. The new concept in abdominal wall repair**

Chairs: Salvador Morales Conde (Spain), Miguel Toledano Trincado (Spain)

10.30 - 10.45 Total extraperitoneal reconstruction. e-TEP - Jorge Daes (Colombia)

10.45 - 11.00 Transabdominal preperitoneal reconstruction. Rives-TARUP-TAR - Juan Bellido (Spain)

11.00 - 11.15 Quality of life and surgical outcomes after laparoscopic abdominal wall reconstruction - Agneta Montgomery (Sweden)

11.15 - 11.30 Is robotic the new easy way for all surgeons? - Manuel López Cano (Spain)

11.30 - 11.45 Freepaper

10.30 - 12.00 Scientific session

Room3

Stream: Robotics

**S23 AEC2: MIS for advanced rectal cancer**

Chairs: Mario Alvarez Gallego (Spain), Patricia Tejedor (UK) (or Beatriz Martín Perez or Isabel Seco)

10.30 - 10.45 MonoRobotic TAMIS - Rosa Jiménez (Spain)

10.45 - 11.00 Laparoscopic Pelvic Exenteration for advanced rectal cancer - Des Winter (Canada)

11.00 - 11.15 Robotic Lateral Pelvic Dissection for advanced rectal cancer - Carmen Cagigas (Spain)

11.15 - 11.30 Laparoscopic transperineal APR (TpAPR) - Suguru Hasegawa (Japan)

11.30 - 11.45 Freepaper

10.30 - 12.00 Scientific session

Room4

Stream: Bariatrics

**S24 Hot debates in bariatric surgery**

*5 min presentation per person, max 5 slides) The hot topic session much reflect the latest evidence from literature. In only five minutes everything what is known about this topic in literature should be shared in a dynamic way before and after the two presenters there will be a voting on this specific topic.*

**Moderators: Ramon Vilallonga (Spain), Nicola Di Lorenzo (Italy)**

**10.30 - 10.45 Should we treat patients with reflux disease and a BMI of 36 with a sleeve resection?**

10.30 - 10.35 Pro - Mahir Özmen (Turkey)  
10.35 - 10.40 Con - Maria Rita Rodriguez Luna (France)  
10.40 - 10.45 Voting

**10.45 - 11.00 The ideal gastric bypass:**

10.45 - 10.50 long biliary limb gastric bypass is best - Kyung-Yul Hur (Korea)  
10.50 - 10.55 Mini gastric bypass is the preferred procedure - Michel Gagner (Canada)  
(The Netherlands)  
10.55 - 11.00 Voting

**11.00 - 11.15 What to do in case of a failed sleeve? Conversion to:**

11.00 - 11.05 Gastric bypass - Beat Müller (Germany)  
11.05 - 11.10 SADI/BPD-DS - Antonio Torres García (Spain)  
11.10 - 11.15 Voting

**11.15 - 11.30 Is 2<sup>nd</sup> surgical revision indicated in a patient with weight regain and recurrence of DM after both sleeve and gastric bypass surgery?**

11.15 - 11.20 Yes - Piotr Myśliwiec (Poland)  
11.20 - 11.25 No - Gil Faria (Portugal)  
11.25 - 11.30 Voting

**11.30 - 11.45 Should bariatric surgery be offered to patients with DM and BMI 30-35?**

11.30 - 11.35 Pro - Monika Proczko-Stepaniak (Poland)  
11.35 - 11.40 Con - Nicole Bouvy (The Netherlands)  
11.40 - 11.45 Voting

10.30 - 12.00 Scientific session

Room5

Stream: UGI

**S25 AEC3: New trends in esophago-gastric surgery**

Chairs: Asunción Acosta (Spain), Fernando Mingol (Spain) or Peter Vorwald (Spain)

10.30 - 10.45 Towards "O" leaks - Ismael Diez del Val (Spain)  
10.45 - 11.00 Does ICG mapping really improve the lymphadenectomy? - Luigi Boni (Italy)  
11.00 - 11.15 How experience shows the easy way to improve the results - Seigo Kitano (Japan)  
or Ugo Elmore (Italy)  
11.15 - 11.30 Will the robot be the gold standard in the near future for Upper GI surgery? -  
J. Santiago Azagra (Luxemburg)  
11.30 - 11.45 Freepaper

10.30 - 12.00 Free paper video

Room6

Stream:

**S26 Free paper best videos TOPIC**

Chairs: .....

Abstracts

10.30 - 12.00 Scientific session

Room7

Stream: General

**S27 Surgical education; no time to sleep!**

Chairs: Davide Lomanto (Singapore), Ricardo Torres (Argentina), Christopher Schlachta (Canada)



- 10.30 - 10.45 European School of Surgery Project - proposal for the future of surgical education - Jaap Bonjer (The Netherlands)
- 10.45 - 11.00 EAES Fellowship programme assessment - Alice Tsai (UK)
- 11.00 - 11.15 EAES Forward Programme - Dorin Popa (Sweden)
- 11.15 - 11.30 UEMS - EAES Diploma: how and where to? - Marek Soltés (Slovakia)
- 11.30 - 11.45 ALACE - How we train endoscopic surgery in South America - Jose Herrera (Argentina)

10.30 - 12.00 Scientific session

Room8

Stream: International, General

**S28 MIS in low and middle income countries**

Chairs: Ramen Goel (India), Ravi Oodit (South Africa), Faheem Bassiony (Egypt)

- 10.30 - 10.45 Challenges with the provision of MIS services in LMIC - Ravi Oodit (South Africa)
- 10.45 - 11.00 Challenges with surgical quality and patient safety in LMIC - Faheem Bassiony (Egypt)
- 11.00 - 11.15 Challenges with MI surgical education in LMIC - Martin De Santibañes (Argentina)
- 11.15 - 11.30 Implementation and challenges with cancer services and recovery after MIS - Bawantha Gamage (Sri Lanka)
- 11.30 - 11.45 Diffusion of advanced MIS technology in LMIC - Subhash Khanna (India)

10.30 - 12.00 Scientific session

Room9

Stream: General, Robotic, Colorectal

**S29 How to train surgeons safely, effectively and efficiently**

Chairs: Nicoló de Manzini (Italy), Hiro Hasegawa (Japan)

- 10.30 - 10.45 Laparoscopic colorectal surgery - Patricia Tejedor (UK)
- 10.45 - 11.00 Ta-TME - Michel Adamina (Switzerland)
- 11.00 - 11.15 Robotic rectal surgery - Deborah Keller (USA)
- 11.15 - 11.30 Complete mesocolic excision - Kenneth Campbell (UK)
- 11.30 - 11.45 Lateral lymphadectomy in rectal cancer - Hiro Hasegawa (Japan)
- 11.45 - 12.00 FREEPAPER

10.30 - 12.00 Scientific session

Room10

Stream: General

**S30 Principles of electro surgery; FUSE programme**

Chairs: Catalin Copaescu (Romania), Pascal Fuchshuber (USA)

- 10.30 - 10.45 Introduction - Pascal Fuchshuber (USA)
- 10.45 - 11.00 Fundamental principles of radiofrequency electro surgery - Amin Madani (USA)
- 11.00 - 11.15 Electrosurgical safety in laparoscopy - Pascal Fuchshuber (USA)
- 11.15 - 11.30 Monopolar devices and bipolar devices - Manuel Sanchez Casalongue (Argentina)  
*back up: Bogdan Smeu (Romania)*
- 11.30 - 11.45 Bipolar devices - Yoav Mintz (Israel)
- 11.45 - 12.00 Implantable devices and electro surgery - Jaisa Olasky (USA)

The tutors in training are listed below. They will also be in the FUSE booth on Thursday and Friday, just like the speakers

Name	First name	Title	Country
Van Steensel	Sebastiaan	Dr.	The Netherlands
Jongen	Audrey	Dr.	The Netherlands

Senent	Ana	Dr.	Spain
Hardon	Sem	Dr.	The Netherlands
Verra	Mauro	Dr.	Italy

12.00 - 12.20 Lecture

Room1

Stream: General, International

**S31 Jacques Périssat lecture**

Introduction by: Nicola Di Lorenzo (Italy)

Asia through a scope - Davide Lomanto (Singapore)

12.20 - 14.00 LUNCH

**12.30 - 13.30 Meet the expert luncheon (only for participants who have registered for this event)**

Room: .....

Stream: General

1. Hernia - Salvador Morales Conde (Spain)
2. Bariatrics - Natan Zundel (USA)
3. Liver - Go Wakabayashi (Japan)
4. Pancreas - Horacio Asbun (USA)
5. Thyroid - Hoon-Yub Kim (Korea)
6. Oesophagus - Yin-Kai Chao (Taiwan)
7. Rectal surgery - Patricia Sylla (USA)
8. Colon surgery - Mario Morino (Italy)
9. Stomach - Young Woo Kim (Korea)

13.00 - 14.00 timeslots for industry satellite symposia

14.00 - 15.00 Free paper video

Room1

Stream:

**S32 Free paper best videos TOPIC....**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room2

Stream:

**S33 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room3

Stream:

**S34 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room4

Stream:

**S35 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room5

Stream:

**S36 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room6

Stream:

**S37 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room7

Stream:

**S38 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room8

Stream:

**S39 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room9

Stream:

**S40 Free paper TITLE**

Chairs: .....

Abstracts

14.00 - 15.00 Free paper oral or video

Room10

Stream:

**S41 Free paper TITLE**

Chairs: .....

Abstracts

15.00 - 16.30 Scientific session

Room1

Stream: Bariatrics

**S42 IFSES 1: Revisional bariatric surgery**

Chairs: Natan Zundel (USA), Nicola Di Lorenzo (Italy), Carmen Balagué (Spain)

- 15.00 - 15.12 Revisions after adjustable gastric band: Options and data - Salvador Morales Conde (Spain)
- 15.12 - 15.24 Revisions after LRYGB: To what? And is it worth it? - Jacques Himpens (Belgium)
- 15.24 - 15.36 Revisions after malabsorptive procedures: What's next? - Antonio Torres García (Spain)
- 15.36 - 15.48 Endoscopic revisions after bariatric surgery: What, when and how? - Christine Stier (Germany)
- 15.48 - 16.00 Revisional interventions after bariatric surgery. Are we winning? - Natan Zundel (USA)
- 16.00 - 16.30 Round table, Q&A

15.00 - 16.30 Scientific session

Room2

Stream: Technology, General

### **S43 Consensus conference Fluorescence**

**Chairs: Elisa Cassinotti (Italy), Alberto Arezzo (Italy)**

1. *General topics*
  - a. *Basics of Fluorescence - Michele Diana (France)*
  - b. *Costs & cost effectiveness - Nereo Vettoretto (Italy)*
  
2. *Organ specific*
  - a. *Cholecystectomy - Luigi Boni (Italy)*
  - b. *Colorectal (Lymph nodes) - Manish Chand (UK)*
  - c. *Colorectal (Perfusion) - Marco Bonino (Switzerland)*
  - d. *Bariatrics - Nicole Bouvy (The Netherlands)*
  - e. *Spleen and adrenal - Felix Nickel (Germany)*
  - f. *Liver - Yoav Mintz (Israel)*
  - g. *Pancreas - Felix Nickel (Germany)*
  - h. *Upper GI perfusion - Riccardo Rosati (Italy)*
  - i. *Upper GI (Lymph nodes) - Kiyokazu Nakajima (Japan)*
  - j. *Urology - Paulo Gontero / Marco Oderda (Italy)*
  - k. *Gynaecology - Elisa Cassinotti (Italy), Ewelina Malanowska (Poland)*
  
3. *New developments*
  - a. *Ongoing trials - Gianfranco Silecchia (Italy)*

15.00 - 16.30 Free paper video

Room3

Stream: General

### **S44 EAES Video Award**

Chairs: Nader Francis (UK), Thanjakumar Arulampalam (UK), Dorin Popa (Sweden)

Abstracts

15.00 - 16.30 Scientific session

Room4

Stream: Colorectal

### **S45 Right colectomy: an evolving surgical procedure**

Chairs: Armando Melani (Brazil), Jesus Bollo (Spain)

- 15.00 - 15.15 Intracorporal anastomosis: current evidence - Jesus Bollo (Spain)
- 15.15 - 15.30 Central ligation and total mesocolon excision - Seigo Kitano (Japan)

- 15.30 - 15.45 Robotic right colectomy - Eloy Espin (Spain)  
15.45 - 16.00 Leakage after right colectomy - Armando Melani (Brazil)  
16.00 - 16.15 Freepaper

15.00 - 16.30 Scientific session

Room5

Stream: Robotics

**S46 Will endoscopy replace surgery?**

Chairs: Tomasz Banasiewicz (Poland), Antonia Wells (UK)

- 15.00 - 15.15 EASE - Bernard Dallemagne (France)  
15.15 - 15.30 Endomaster - Philp Chiu (Hong Kong)  
15.30 - 15.45 K-Flex - Dong Soo Kwon (Korea)  
15.45 - 16.00 CYCLOPS - George Mylonas (UK)  
16.00 - 16.15 Medrobotics - Santiago Horgan (USA)  
16.15 - 16.30 FREEPAPER

15.00 - 16.30 Scientific session

Room6

Stream: General, International

**S47 Surgical Endoscopy Festival; most influencing papers**

Chairs: George Hanna (UK), Mark Talamini (USA)

- 15.00 - 15.15 Three-way comparative study of endoscopic ultrasound-guided transmural gallbladder drainage using lumen-apposing metal stents versus endoscopic transpapillary drainage versus percutaneous cholecystostomy for gallbladder drainage in high-risk surgical patients with acute cholecystitis: clinical outcomes and success in an International, Multicenter Study - Ali Siddiqui (USA)  
15.15 - 15.30 The learning curve for a surgeon in robot-assisted laparoscopic pancreaticoduodenectomy: a retrospective study in a high-volume pancreatic center - Tao Zhang (China)  
15.30 - 15.45 Quality of life after rectal cancer surgery: differences between laparoscopic and transanal total mesorectal excision - Marloes Veltcamp Helbach (The Netherlands)  
15.45 - 16.00 Peroral endoscopic myotomy leads to higher rates of abnormal esophageal acid exposure than laparoscopic Heller myotomy in achalasia - Madhusudhan Sanaka (India)  
16.00 - 16.15 Preaponeurotic endoscopic repair (REPA) of diastasis recti associated or not to midline hernias - Muas Juarez (Argentina)  
16.15 - 16.30 Robot-assisted versus laparoscopic Roux-en-Y gastric bypass and sleeve gastrectomy: a propensity score-matched comparative analysis using the 2015-2016 MBSAQIP database - Raul Sebastian (USA)

15.00 - 16.30 Free paper videos

Room7

Stream:

**S48 Free paper best videos TOPIC**

Chairs: .....

Abstracts

15.00 - 16.30 Scientific session

Room8

Stream: UGI, HPB

**S49 Decision making and troubleshooting during laparoscopic cholecystectomy**

Chairs: Gustavo Rodriguez (Uruguay), Alberto Chousleb (Mexico)

- 15.00 - 15.15 Acute cholecystitis; to drain or not to drain - Marek Soltés (Slovakia)  
15.15 - 15.30 Critical view of safety; its feasibility and efficacy in prevention of BDI -  
Ranbir Singh (India)  
15.30 - 15.45 When is a cholecystectomy indicated after ERCP with papillotomy? -  
Zdravko Perko (Croatia)  
15.45 - 16.00 Choledocholithiasis management after RYGB - Eugenia Yiannakopoulou (Greece)  
16.00 - 16.15 Freepaper

15.00 - 16.30 Scientific session

Room9

Stream: Technology

### **S50 Artificial Intelligence in the OR?**

**Chairs: Young Woo Kim (Korea), .....**

- 15.00 - 15.15 State of the art & general perspectives - Chen Sagiv (Israel)  
15.15 - 15.30 Can AI help for a safer surgery - Marlies Schijven (The Netherlands)  
15.30 - 15.50 Ethical issues & AI - update of the Seoul Declaration - Young-Woo Kim (Korea) and  
Paul Barach (USA)  
15.50 - 16.20 SPECIAL LECTURE: Directed Energy for Diagnosis and Therapy (DEDAT):  
The 5th Generation of Surgery is Non-invasive - Richard Satava (USA)

15.00 - 16.30 Scientific session

Room10

Stream: Hernia

### **S51 Hernia surgery - how I do it**

**Chairs: Filip Muysoms (Belgium), Aleksandar Gluhović (Serbia)**

- 15.00 - 15.15 eTEP access for ventral hernia repair - Victor Radu (Romania)  
15.15 - 15.30 Robotic eTEP with suprapubic docking for repair of ventral hernias with rectus  
diastasis - Filip Muysoms (Belgium)  
15.30 - 15.45 Laparoscopic Sugarbaker repair of parastomal hernias - Manuel Lopez Cano (Spain)  
15.45 - 16.00 Robotic repair of perineal hernias - Marijn Poelman (The Netherlands)  
16.00 - 16.15 FREEPAPER

16.30 - 17.00 COFFEE BREAK

17.00 - 18.30 Scientific session

Room1

Stream: General

### **S52 Highway to disaster 1 (videos of undesired events)**

**Chairs: Thankjakumar Arulampalam (UK), Gerald Fried (Canada), Christopher Schlachta (Canada)**

- 17.00 - 17.10 Ureteral injury in laparoscopic colorectal surgery - Lubomír Martinek (Czech Republic)  
17.10 - 17.20 What's the bleeding time - Thankjakumar Arulampalam (UK)  
17.20 - 17.30 Bleeding as a reason for conversion of robotic assisted extended mesenterectomy in  
right colectomy - Dejan Ignjatovic (Norway)  
17.30 - 17.40 Complications in bariatric surgery - Jan-Willem Greve (The Netherlands)  
17.40 - 17.50 CBD Injury - Andreas Shamiyeh (Austria)  
17.50 - 18.00 Vascular injury in minimally invasive adrenal surgery - Eugenia Yiannakopoulou  
(Greece)  
18.00 - 18.10 Clinical validation of intraoperative errors during laparoscopic TME - Nader Francis  
(UK)  
18.10 - 18.20 Complicated cholecystectomy with small injury of ductus cysticus and small bleedings  
- Dusan Lesko (Slovakia)  
18.20 - 18.30 Bleeding during laparoscopic appendectomy - Wlodzimierz Majewski (Poland)

17.00 - 18.30 Scientific session

Room2

Stream: General, International

**S53 The surgeon of the future dresses as a woman**

Chairs: Nicole Bouvy (The Netherlands), Carmen Balagué (Spain)

17.00 - 17.15 The position of women in EAES - Andrea Pietrabissa (Italy)

To be completed

17.00 - 18.30 Scientific session

Room3

Stream: Colorectal

**S54 How to avoid complications in colorectal surgery**

Chairs: Barry Salky (USA), Vasil Kyosev (Bulgaria)

17.00 - 17.15 How to avoid anastomotic leakage - Tim Lubbers (The Netherlands)

17.15 - 17.30 Colonoscopy perforations - what should we do? - Linda Hermus (Sweden)

17.30 - 17.45 Small bowel obstruction. Laparoscopy: when and how? - Elena Atanasova (Sweden)

17.45 - 18.00 Which is the role of fluorescence? - Wanda Petz (Italy)

18.00 - 18.15 How to avoid complications during ta-TME - Patricia Sylla (USA)

18.15 - 18.30 How to avoid adhesions after laparoscopy - Richard ten Broek (The Netherlands)

17.00 - 18.30 Scientific session

Room4

Stream: Bariatrics

**S55 AEC4: Help! My bariatric surgery failed**

Chairs: Andres Sanchez Pernaute (Spain), Ivan Arteaga (Spain)

17.00 - 17.15 Urgencies after bariatric surgery - Raquel Sanchez Santos (Spain)

17.15 - 17.30 The failed or complicated sleeve. And then what? - Michel Gagner (Canada)

17.30 - 17.45 Will robotic surgery be the standard? - Carlos Vaz (Spain)

17.45 - 18.00 Virtual learning in post COVID era - Carmen Balagué (Spain)

18.00 - 18.15 Endoscopy in bariatric surgery - Manoel Galvao Neto (Brazil)

17.00 - 18.30 Scientific session

Room5

Stream: UGI

**S56 The state of the art of upper GI surgery**

Chairs: Richard van Hillegersberg (The Netherlands), Miguel A. Cuesta (The Netherlands)

17.00 - 17.15 Robotic oesophageal resection - Yin-Kai Chao (Taiwan)

17.15 - 17.30 Robotic endoscopic upper GI surgery - Philip Chiu (Hong Kong)

17.30 - 17.45 Laparoscopic gastrectomy for advanced gastric cancer - Jan Stoot (The Netherlands)

17.45 - 18.00 Robotic gastric resection - Young-Woo Kim (Korea)

18.00 - 18.15 My complications of gastrectomy - Gianluca Baiocchi (Italy)

18.15 - 18.30 Prophylactic hyperthermic intraperitoneal chemotherapy (HIPEC) for gastric cancer - a systematic review - Richard van Hillegersberg (The Netherlands)

17.00 - 18.30 Scientific session

Room6

Stream: HPB

**S57 The future of minimally invasive liver resection**

Chairs: Luca Morelli (Italy), Mohammad Abu Hilal (Italy)

17.00 - 17.15 Developments of laparoscopic liver resection from pilot studies to RCT's - Bjørn Edwin (Norway)

- 17.15 - 17.30 Oncological results and patient selection - David Geller (USA)  
17.30 - 17.45 Liver anatomy and laparoscopic anatomical liver resection - Go Wakabayashi (Japan)  
17.45 - 18.00 Transition to robotic hepatectomy - Marielle Coolsen (The Netherlands)  
18.00 - 18.15 Systematic review of robotic hepatectomy - Ruben Ciria (Spain)  
18.15 - 18.30 FREEPAPER?

17.00 - 18.30 Free paper poster

Room7

Stream: General

**S58 EAES Poster Award**

Chairs: Gunnar Ahlberg (Sweden), Salvador Morales Conde (Spain), Catalin Copaescu (Romania)

Abstracts

17.00 - 18.30 Scientific session

Room8

Stream: Hernia

**S59 The role of meshes in hernia repair**

Chairs: Wieslaw Tarnowski (Poland), Igor Stipancic (Croatia)

17.00 - 17.15 TEPP? 3D vs. 2D mesh? Phasix mesh? (title to be confirmed) -

Tammo De Vries Reilingh (The Netherlands)

17.15 - 17.30 How to choose the ideal non-resorbable mesh - Sebastiaan van Steensel  
(The Netherlands)

17.30 - 17.45 Hard indications to use a biological mesh - Marc Miserez (Belgium)

17.45 - 18.00 How to treat a hiatal hernia - Hans Fuchs (Germany)

18.00 - 18.15 FREEPAPER

17.00 - 18.30 Scientific session

Room9

Stream: Technology

**S60 A glance at the future of minimal invasive surgery**

Chairs: Subhash Khanna (India), Nicole Bouvy (The Netherlands)

17.00 - 17.15 The latest insights on imaging - Michele Diana (France)

17.15 - 17.30 How I perform endogastric surgery without the help of robotics -

Eiji Kanehira (Japan)

17.30 - 17.45 The latest insights on flexible endoscopy - Silvana Perretta (France)

17.45 - 18.00 The latest insights on robotics - Lee Swanstrom (France / USA)

18.00 - 18.15 The latest insights on AI - Amir Szold (Israel)

17.00 - 18.30 Free paper session

Room10

Stream:

**S61 TITLE**

Chairs

Abstracts

18.30 - 19.00 **Honorary membership & lifetime achievement award session**

**Chair: Andrea Pietrabissa (Italy)**

Room:

Stream: General

Honorary membership awarded to: I-Shu Chen (Taiwan), Davide Lomanto (Singapore) and Aurora Pryor (USA)



Lifetime achievement award awarded to: Richard Satava (USA) and Mario Morino (Italy), Miguel A. Cuesta (The Netherlands / Spain)

19.00 - 20.00 EAES GENERAL ASSEMBLY

**Friday, 26<sup>th</sup> November 2021**

07.30 - 08.30 Free paper oral or video

Room1

Stream:

**S62 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room2

Stream:

**S63 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room3

Stream:

**S64 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room4

Stream:

**S65 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room5

Stream:

**S66 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room6

Stream:

**S67 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room7

Stream:

**S68 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room8

Stream:

**S69 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room9

Stream:

**S70 TITLE**

Chairs: .....

Abstracts

07.30 - 08.30 Free paper oral or video

Room10

Stream:

**S71 TITLE**

Chairs: .....

Abstracts

08.30 - 10.00 Scientific session

Room1

Stream: Colorectal

**S72 Right colon cancer - how I do it**

Chairs: Mario Morino (Italy), .....

08.30 - 08.45 Laparoscopic right hemicolectomy with complete mesocolic excision and intracorporeal anastomosis - Armando Melani (Brazil)

08.45 - 09.00 Laparoscopic right hemicolectomy and extracorporeal anastomosis - Mario Morino (Italy)

09.00 - 09.15 Robotic right hemicolectomy - Danilo Miskovic (UK)

09.15 - 09.30 The evidence in elective right hemicolectomy - Michel Adamina (Switzerland)

09.30 - 09.45 Right colectomy in emergency - Salvador Morales Conde (Spain)

08.30 - 10.00 Scientific session

Room2

Stream: General

**S73 Guidelines corner - the 2021 EAES clinical practice guidelines**

**Chairs: Stavros Antoniou (Greece), .....**

08.30 - 08.45 Introducing rapid guidelines to EAES - Stavros Antoniou (Greece)

08.45 - 09.10 Rapid guideline: Appendicitis in the elderly - Emina Letić (Bosnia Herzegovina)

09.10 - 09.35 Rapid guideline: TaTME for rectal cancer - Marco Milone (Italy)

09.35 - 10.00 Which bariatric procedure should I choose? Rapid extension of the EAES Bariatric Guidelines 2020, endorsed by IFSO-EC, EASO and ESPCOP - Francesco Maria Carrano (Italy)

08.30 - 10.00 Free paper oral

Room3

Stream: Technology

**S74 Gerhard Buess Technology Award**

Chairs: Yoav Mintz (Israel), Nicola Di Lorenzo (Italy), Alberto Arezzo (Italy)

Abstracts

08.30 - 10.00 Scientific session

Room4

Stream: General

**S75 Media in surgery**

Chairs: Steven Wexner (USA), Manish Chand (UK), Antonio Lacy (Spain)

08.30 - 08.45 AIS Channel: 5 continents successful media experience - Antonio Lacy (Spain)

08.45 - 09.00 Impact of social media in Minimally Invasive Surgery - Julio Mayol (Spain)

09.00 - 09.15 Impact of social media on scientific literature - Steven Wexner (USA)

09.15 - 09.30 The impact of 5G in real time surgery telestration - Felix Nickel (Germany)

09.30 - 09.45 Freepaper

08.30 - 10.00 Free paper oral

Room5

Stream:

**S76 TITLE**

Chairs: .....

Presentations

08.30 - 10.00 Free paper video

Room6

Stream: HPB

**S77 How to improve your minimally invasive pancreatic resections**

Chairs: Horacio Asbun (USA), Esteban Cugat (Spain), Konstantinos Tsalis (Greece)

08.30 - 08.45 Distal pancreatectomy - Santiago Sanchez Cabus (Spain)

08.45 - 09.00 How I do it: Laparoscopic Whipple operation - Ying-Jui Chao (Taiwan)

09.00 - 09.15 Current role of enucleation in neuro endocrine tumours - Igor Khatkov (Russia)

09.15 - 09.30 Evidence based guidelines on minimally invasive pancreatic resection -  
Horacio Asbun (USA)

09.30 - 09.45 Robotic pancreatectomy; the way to go? - Ho Seong Han (Korea)

09.45 - 10.00 Prevention of pancreatic fistula after distal pancreatectomy - Selman Uranüs  
(Austria)

08.30 - 10.00 Scientific session

Room7

Stream: Solid/ Endocrine / Miscellaneous

**S78 Emergency MIS surgery**

**Chairs: Samir Delibegović (Bosnia-Herzegovina), Srdjan Mijatovic (Serbia)**

08.30 - 08.45 Safety of primary anastomosis following emergency left-sided colorectal resection -  
Elsa Valsdóttir (Iceland)

08.45 - 09.00 Is laparoscopy safe in incarcerated hernia? - Alfred Allen Buenafe (Philippines)

09.00 - 09.15 Incarcerated hiatal hernia; what to do? - Milos Bjelovic (Serbia)

09.15 - 09.30 Acute colon obstruction due to rectal carcinoma, how to handle? -  
Mark Coleman (UK)

09.30 - 09.45 Laparoscopy in trauma patients - Dorin Popa (Sweden)

09.45 - 10.00 FREEPAPER

08.30 - 10.00 Scientific session

Room8

Stream: Hernia

**S79 Complications of hernia surgery**

**Chairs: Jan Kukleta (Switzerland), Ramesh Agarwalla (India)**

08.30 - 08.45 Treatment of patients with chronic pain after inguinal hernia surgery -  
Thanjakumar Arulampalam UK)

08.45 - 09.00 Update of the guidelines for ventral abdominal wall hernias -  
Reinhard Bittner (Germany)

09.00 - 09.15 Preoperative botox injection prevents postoperative complications -  
Tammo De Vries Reilingh (The Netherlands)

09.15 - 09.30 Definition of complex abdominal wall surgery. Do we need specialised centres? -  
Maciej Smietanski (Poland)

09.30 - 09.45 FREEPAPER

08.30 - 10.00 Free paper session

Room9

Stream:

**S80 Free paper best videos TOPIC**

Chairs: .....

Abstracts

08.30 - 10.00 Scientific session

Room10

Stream:

**S81** .....

Chairs: .....

Presentations

10.00 - 10.30 COFFEE BREAK

10.30 - 12.00 Scientific session

Room1

Stream: General

**S82 Surgery after the COVID-19 pandemic. What we have learned?**

Chairs: Andrea Pietrabissa (Italy), Horacio Asbun (USA), Salvador Morales Conde (Spain)

10.30 - 10.45 Outcomes Global Surgery COVID Collaborative - Horacio Asbun (USA)

10.45 - 11.00 Laparoscopy as a risk for viral contamination, which is the truth? - Yoav Mintz (Israel)

11.00 - 11.15 EAES recommendations for recovery plan in Minimally Invasive Surgery amid  
COVID-19 pandemic - Catalin Copaescu (Romania)

11.15 - 11.30 COVID-19; The AEC experience - Salvador Morales Conde (Spain)

11.30 - 11.45 Freepaper

10.30 - 12.00 Scientific session

Room2

Stream: Hernia

**S83 Hot topics in hernia surgery**

**Chairs: Manuel Lopez Cano (Spain), Thomas Carus (Germany)**

10.30 - 10.45 Laparoscopic surgery of uncomplicated and complicated ventral hernia in an  
emergency setting - Srdjan Mijatovic (Serbia)

10.45 - 11.00 How to treat rectus diastasis - Tammo De Vries Reilingh (The Netherlands)

- 11.00 - 11.15 Transversus abdominis approaches - the way forward or a step too far? - Jorge Daes (Colombia) *or Bibi Hansson (NL)*  
11.15 - 11.30 Parastomal hernia prophylaxis - Lubomír Martinek (Czech Republic)  
11.30 - 11.45 FREEPAPER

10.30 - 12.00 Scientific session

Room3

Stream: Robotics

**S84 Which robot should I purchase in 2021?**

Chairs: Alberto Arezzo (Italy), George Mylonas (UK), Giuseppe Turchetti (Italy)

- 10.30 - 10.45 Intuitive - Dr. med. Tilman A. Schlick, MBA *confirmed*  
10.45 - 11.00 Asensus Surgical - Dietmar Stephan (Germany) *confirmed*  
11.00 - 11.15 Distalmotion - Prof Dieter Hahnlöser (Switzerland) *confirmed*  
11.15 - 11.30 Medtronic - *Confirmed but exact speaker name to follow*  
11.30 - 11.45 CMR - *Confirmed but exact speaker name to follow*  
11.45 - 12.00 Economic burden of robotic systems - Giuseppe Turchetti (Italy)

10.30 - 12.00 Scientific session

Room4

Stream: Bariatrics

**S85 Complications of bariatric surgery**

Chairs: Aurora Pryor (USA), Nicola Di Lorenzo (Italy), Antonio Torres García (Spain)

- 10.30 - 10.45 How we manage leaks after sleeve gastrectomy - Ramon Vilallonga (Spain)  
10.45 - 11.00 How we manage complications after RYGB - Gianfranco Silecchia (Italy)  
11.00 - 11.15 Undesired metabolic disturbances and how to handle them - Mahir Özmen (Turkey)  
11.15 - 11.30 Revisional bariatric surgery - Raul Rosenthal (USA)  
11.30 - 11.45 FREEPAPER

10.30 - 12.00 Scientific session

Room5

Stream: Colorectal

**S86 Hot debates in colorectal surgery**

*5 min presentation per person, max 5 slides) The hot topic session much reflect the latest evidence from literature. In only five minutes everything what is known about this topic in literature should be shared in a dynamic way.*

**Moderators: Predag Andrejevic (Malta), Masahiko Watanabe (Japan), Kenneth Campbell (UK)**

**10.30 - 10.45 Do we need to protect our anastomoses and when?**

- 10.30 - 10.35 Yes, we do - Maxime Dewulf (Belgium)  
10.35 - 10.40 No, never - George Theodoropoulos (Greece)  
10.40 - 10.45 Voting

**10.45 - 11.00 Anastomotic leakage is mainly caused by:**

- 10.45 - 10.50 Anaesthesiologic factors - Tim Lubbers (The Netherlands)  
10.50 - 10.55 Patient related factors - Audrey Jongen (The Netherlands)  
10.55 - 11.00 Voting

**11.00 - 11.15 Intracorporeal vs Extracorporeal anastomosis in right colectomy?**

- 11.00 - 11.05 Internal anastomosis is the best strategy - Mark Coleman (UK)  
11.05 - 11.10 External anastomosis is the best strategy - Ferdinando Agresta (Italy)  
11.10 - 11.15 Voting

**11.15 - 11.35 What is the best way to treat rectal carcinoma?**

- 11.15 - 11.20 Ta-TME - Michel Adamina (Switzerland)
- 11.20 - 11.25 Robotic resection - Wanda Petz (Italy)
- 11.25 - 11.30 Or just Laparoscopic? - Timothy Rockall (UK) *or Argentinian*
- 11.30 - 11.35 Voting

**11.35 - 11.50 Prehabilitation for all?**

- 11.35 - 11.40 Prehabilitation in older persons is necessary - Marylise Boutros (Canada)
- 11.40 - 11.45 Prehabilitation in younger persons is necessary - Tim Lubbers (The Netherlands)
- 11.45 - 11.50 Voting

10.30 - 12.00 Scientific session

Room6

Stream: HPB

**S87 AEC5: New trends in minimally invasive HPB surgery**

Chairs: Juan Bellido (Spain), Yolanda Quijano (Spain)

- 10.30 - 10.45 Towards standardized laparoscopic pancreatoduodenectomy - Marc Besselink (The Netherlands)
- 10.45 - 11.00 Advances in laparoscopic liver surgery - Mohammad Abu Hilal (Italy)
- 11.00 - 11.15 Robotic vs laparoscopic pancreatoduodenectomy. Is robotic superior? - J. Santiago Azagra (Luxemburg)
- 11.15 - 11.30 Role of MIS in HPB oncologic surgery. Where is the limit? - Fernando Rotellar (Spain)
- 11.30 - 11.45 FREEPAPER

10.30 - 12.00 Scientific session

Room7

Stream: Solid/Endocrine/MIS

**S88 Consensus conference MIS in the Elderly**

Chairs: Nader Francis (UK), Deborah Keller (USA)

To be completed

10.30 - 12.00 Scientific session

Room8

Stream: Technology

**S89 Big Data, AI, ML and MIS (via ET)**

Chairs: Daniel Hashimoto (USA), .....

- 10.30 - 10.45 OR Black Box - Teodor Grantcharov (Canada)
- 10.45 - 11.00 AI & ML and video image. A reality and indications - Pietro Mascagni (Italy)
- 11.00 - 11.15 The future of AI & ML and MIS - Daniel Hashimoto (USA)
- 11.15 - 11.30 New image modalities and deep learning in endoscopy - Francisco Sánchez-Margallo (Spain)
- 11.30 - 11.45 FREEPAPER

10.30 - 12.00 Free paper session

Room9

Stream: General

**S90 Karl Storz EAES Award**

Chairs: Andrea Pietrabissa (Italy), Jaap Bonjer (The Netherlands), George Hanna (UK)

Presentations

10.30 - 12.00 Scientific session

Room10

Stream: UGI

**S91 Anti reflux surgery**

Chairs: Eduardo Targarona (Spain), Suzanne Gisbertz (The Netherlands), Marco Patti (USA)

10.30 - 10.45 Lessons learned from history, all procedures in a row - Giovanni Zaninotto (Italy)

10.45 - 11.00 Posterior or anterior repair - Eric Hazebroek (The Netherlands)

11.00 - 11.15 Necessary pre-operative work up for the best outcome - Hans Fuchs (Germany)

11.15 - 11.30 Tips and tricks from the master - Heine Van der Walt (South-Africa)

11.30 - 11.45 How to solve disasters after anti reflux surgery - Suzanne Gisbertz (The Netherlands)

11.45 - 12.00 FREEPAPER

12.00 - 12.20 Lecture

Room1

Stream: General

**S92 Presidential lecture title TBA**

Andrea Pietrabissa (Italy)

Introduction by: Gunnar Ahlberg (Sweden)

12.20 - 12.40 Lecture

Room1

Stream: General

**S93 IFSES key note lecture title TBA**

Natan Zundel (USA)

Introduction by: Andrea Pietrabissa

12.40 - 14.10 LUNCH

13.00 - 14.00 hrs possible timeslots for satellite symposia

14.10 - 14.30 Lecture

Room1

Stream: Technology

**S94 Sir Alfred Cuschieri technology lecture: Forefront technology for the surgeon of the future -**

Kiyokazu Nakajima (Japan)

Introduction by: Alberto Arezzo (Italy)

14.30 - 16.00 Scientific session

Room1

Stream: International

**S95 IFSES SESSION 2: Global surgery**

Chairs: Davide Lomanto (Singapore), Salvador Morales Conde (Spain)

14.30 - 14.45 Safe surgery - Lilia Cote (Mexico)

14.45 - 15.00 ELSA Outreach Project - Davide Lomanto (Singapore)

15.00 - 15.15 Flexible endoscopic teaching in 2<sup>nd</sup> world - Claudio Navarrette (Chile)

15.15 - 15.30 Outcomes of a laparoscopic training centre: 25 years later -

Ricardo Torres (Argentina)

15.30 - 15.45 Global surgery: A dream or a need? - Andrea Pietrabissa (Italy)

15.45 - 16.00 IRCAD: 5 continents successful training experience - Jacques Marescaux (France)

14.30 - 16.00 Scientific session

Room2

Stream: Solid/Endocrine/Miscellaneous

**S96 How I do it - Endocrine surgery**

Chairs: Oscar Vidal (Spain), Jaime Vilaça (Portugal)

- 14.30 - 14.45 Transabdominal laparoscopic adrenalectomy - Mario Morino (Italy)
- 14.45 - 15.00 Retroperitoneal laparoscopic adrenalectomy - Jaap Bonjer (The Netherlands)
- 15.00 - 15.15 Posterior approach to adrenalectomy - Martin Walz (Germany)
- 15.15 - 15.30 Laparoscopic splenectomy - Eduardo Targarona (Spain)
- 15.30 - 15.45 Robotic thyroidectomy - Menno Vriens (The Netherlands)
- 15.45 - 16.00 Trans-axillary endoscopic gasless thyroidectomy - Oscar Vidal (Spain) *or Portuguese guy*

14.30 - 16.00 Scientific session

Room3

Stream: Colorectal

**S97 Admittance in a first episode of uncomplicated diverticulitis, is it mandatory?**

Chairs: Marguerite Gorter-Stam (The Netherlands), Dejan Ignjatovic (Norway)

- 14.30 - 14.45 Update: to operate or not in recurrent and ongoing diverticulitis - Marguerite Gorter-Stam (The Netherlands)
- 14.45 - 15.00 The role of antibiotics in the treatment of uncomplicated diverticulitis - Nathan Curtis (UK)
- 15.00 - 15.15 Complicated diverticulitis; peroperative decisions in Hinchey 3 versus Hinchey 4 diverticulitis - Nader Francis (UK)
- 15.15 - 15.30 Diverticulitis in the frail and elderly - Predrag Andrejevic (Malta)
- 15.30 - 15.45 FREEPAPER

14.30 - 16.00 Scientific session

Room4

Stream: Bariatrics

**S98 Do's and don'ts in bariatric surgery**

**Chairs: Catalin Copaescu (Romania), Carmen Balagué (Spain)**

- 14.30 - 14.45 Which problems can we expect of the airway during surgery of obese patients - Daniela Godoroja (Romania)
- 14.45 - 15.00 When is revisional surgery indicated? - Jan-Willem Greve (The Netherlands)
- 15.00 - 15.15 Lessons learned from consensus meeting on bariatric surgery 2019 EAES-IFSO - Nicola Di Lorenzo (Italy)
- 15.15 - 15.30 Is the sleeve killing the future of bariatric surgery? - Natan Zundel (USA)
- 15.30 - 15.45 FREEPAPER

14.30 - 16.00 Scientific session

Room5

Stream: General

**S99 EAES COVID-19 grant winners**

Chairs: .....

- 14.30 - 14.45 Detection of COVID-19 in exhaled breath using an electronic nose - Nicole Bouvy (The Netherlands)
- 14.45 - 15.00 Viral load of SARS-CoV-2 in gas from pneumoperitoneum in MIS compared to open surgery - Is there a risk of exposure for OR team? - Beat Müller (Germany)
- 15.00 - 15.15 TroCare: A Smoke-Free-laparoscopy trocar system for all instruments - Tim Horeman (The Netherlands)
- 15.15 - 15.30 Adaptive surgical learning after COVID-19 - Patricia Tejedor (Spain)
- 15.30 - 15.45 Transformation of educational strategies for minimally invasive surgery following COVID-19 and beyond - Marlies Schijven (The Netherlands)
- 15.45 - 16.00 The CRAC study (SICE); appendectomy in the age of COVID-19 in Italy - Alberto Sartori (Italy)



14.30 - 16.00 Scientific session

Room6

Stream: HPB

**S100 Bile duct injury: a controlled global pandemic (via ET)**

Chairs: Michael Brunt (USA), Abe Fingerhut (France), Horacio Asbun (USA)

14.30 - 14.45 Consensus common bile duct injury - Horacio Asbun (USA)

14.45 - 15.00 Laparoscopic approach to BDI - Juan Pekolj (Argentina)

15.00 - 15.15 How to prevent BDI: ICG? - Raul Rosenthal (USA)

15.15 - 15.30 Laparoscopic cholecystectomy: do no further harm - Mike Brunt (USA)

15.30 - 15.45 Freepaper

14.30 - 16.00 Free paper videos

Room7

Stream:

**S101 Free paper best videos TOPIC**

Chairs: .....

Abstracts

14.30 - 16.00 Scientific session

Room8

Stream: Technology, Robotics

**S102 Surgery 4.0 and beyond**

Chairs: **Pietro Valdastri (UK)**, .....

14.30 - 14.45 Machine learning for cognitive robotics in the sensor operating room -  
Martin Wagner (Germany)

14.45 - 15.00 Multi-robot cooperation in surgical scenarios - Alicia Casals (Spain)

15.00 - 15.15 Keyhole surgery with continuum robots - Jessica Burgner-Kahrs (Canada)

15.15 - 15.30 Surgical data science and its application in medical robotics - Lena Maier-Hein  
(Germany)

15.30 - 15.45 Towards patient specific simulation for preoperative planning - Stefania Marconi  
(Italy)

15.45 - 16.00 HANDX, a hand-held smart motorised laparoscopic device - Amir Szold (Israel)

14.30 - 16.00 Scientific session

Room3

Stream:

**S103 What can we do to make our hospital greener?**

Chairs: .....

Presentations

To be completed

14.30 - 16.00 Scientific session

Room10

Stream:

**S104 TOPIC**

Chairs: .....

Presentations

To be completed

16.00 - 16.30 COFFEE BREAK

16.30 - 18.00 Scientific session

Room1

Stream: General

**S105 Highway to disaster 2 (videos of undesired events)**

Chairs: Marco Patti (USA), Suthep Udomsawaengsup (Thailand)

- 16.30 - 16.40 Lineal esophago-jejunal anastomosis. Treatment of intraoperative detection of orifice - Sonia Fernandez Ananin (Spain)
- 16.40 - 16.50 Disasters in lower GI anastomosis - Ludovica Baldari (Italy)
- 16.50 - 17.00 Bleeding during a laparoscopic release of median arcuate ligament - Peter Sedman (UK)
- 17.00 - 17.10 Near misses in laparoscopic cholecystectomy: an educational video - Pietro Mascagni (Italy)
- 17.10 - 17.20 Pancreatic bleeding during robotic right colectomy - Marco Milone (Italy)
- 17.20 - 17.30 Bleeding management during robotic surgery - Luca Morelli (Italy)
- 17.30 - 17.40 Eventful removal of inguinal hernia mesh - Piotr Myśliwiec (Poland)
- 17.40 - 17.50 Early recurrence of giant hiatal hernia - Gil Faria (Portugal)

16.30 - 18.00 Scientific session

Room2

Stream: International, Hernia, Bariatrics, UGI

**S106 JSES session 2 Hernia, GERD and Bariatric surgery in the world**

Chairs: Natan Zundel (USA), Kazunori Kasama (Japan), Salvador Morales Conde (Spain)

- 16.30 - 16.45 GERD and bariatric surgery in Japan - Yosuke Seki (Japan)
- 16.45 - 17.00 Hernia surgery for the obese - Gil Faria (Portugal)
- 17.00 - 17.15 Groin and abdominal hernia surgery in Japan - Masakazu Ohuchi (Japan)
- 17.15 - 17.30 Laparoscopic and robotic hernia surgery - Filip Muysoms (Belgium)
- 17.30 - 17.45 FREEPAPER

16.30 - 18.00 Scientific session

Room3

Stream: Colorectal, Technology

**S107 New insights in colorectal surgery**

Chairs: **Veerle Melotte (The Netherlands)**, .....

- 16.30 - 16.45 AI in colorectal surgery - Daniel Hashimoto (USA)
- 16.45 - 17.00 The influence of microbiome on complications after colorectal surgery - James Kinross (UK)
- 17.00 - 17.15 The influence of peripheral nervous system in the pathological specimen on oncological prognosis - Veerle Melotte (The Netherlands)
- 17.15 - 17.30 3D, 4K, Fluorescence, Hyperspectral, etc; what is really needed? - Nereo Vettoretto (Italy)
- 17.30 - 17.45 FREEPAPER

16.30 - 18.00 Scientific session

Room4

Stream: Technology

**S108 Augmented, virtual reality and 3D printing**

Chairs: Stefania Marconi (Italy), Christos Kontovounisios (UK)

- 16.30 - 16.45 Preoperative planning simulation and image fusion - Michele Diana (France)
- 16.45 - 17.00 Machine vision and VR in endoscopy - Felix Nickel (Germany)
- 17.00 - 17.15 New frontiers of 3D printing - Stefania Marconi (Italy)
- 17.15 - 17.30 Augmented reality for advanced robotic surgery - Manish Chand (UK)

17.30 - 17.45 FREEPAPER

16.30 - 18.00 Scientific session

Room5

Stream: General, Technology, Colorectal, Bariatrics

**S109 Update on past EAES consensus conferences**

Chairs: .....

16.30 - 16.45 Guidelines on 3D - Nereo Vettoreto (Italy)

16.45 - 17.00 Guidelines on Diverticulitis - Marguerite Gorter-Stam (The Netherlands)

17.00 - 17.15 Guidelines on Bariatric surgery - Nicola Di Lorenzo (Italy)

17.15 - 17.30 Guidelines on Single incision endoscopic surgery - Nicole Bouvy (The Netherlands)

17.30 - 17.45 Consensus on GERD - promoted by SAGES, ASGE, ASMBS, EAES, SSAT and STS - Ramon Vilallonga (Spain)

16.30 - 18.00 Free paper video

Room6

Stream:

**S110 Free paper best videos TOPIC**

Chairs: .....

Abstracts

16.30 - 18.00 Scientific session

Room7

Stream: Solid/Endocrine/Miscellaneous

**S111 How to deal with complications of endocrine surgery**

Chairs: ....., .....

16.30 - 16.45 How to deal with complications during laparoscopic splenectomy - Slavko Matic (Serbia)

16.45 - 17.00 Pearls and pitfalls of TransOral endoscopic thyroidectomy - Hoon-Yub Kim (Korea)

17.00 - 17.15 Pros and Cons of minimally invasive parathyroidectomy - Aleksander Konturek (Poland)

17.15 - 17.30 How can ICG help avoid undesired events in endocrine surgery? - Michael Bouvet (USA)

17.30 - 17.45 The bleeding drama in right adrenalectomy - Adrian Park (USA)

17.45 - 18.00 FREEPAPER?

16.30 - 18.00 Scientific session

Room8

Stream: Technology

**S112 The hybrid surgeon**

Chairs: Kiyokazu Nakajima (Japan), Amir Szold (Israel)

16.30 - 16.45 Human-driven cognitive operating theatre - George Mylonas (UK)

16.45 - 17.00 AI and Robotics - control and planning, automation - Fanny Ficuciello (Italy)

17.00 - 17.15 Exploring autonomy in robotic colonoscopy - Pietro Valdastrì (UK)

17.15 - 17.30 Imaging guided robotics - Danail Stoyanov (UK)

17.30 - 17.45 Integration for the next generation hybrid OR - Ludovica Baldari (Italy)

17.45 - 18.00 FREEPAPER?

16.30 - 18.00 Scientific session

Room9

Stream: General

**S113 Perioperative medicine: Prehabilitation**

Chairs: Carmen Balagué (Spain), Graciela Martinez Palli (Spain)

16.30 - 16.45 Prehabilitation. What evidence do we have? - Antonio Arroyo (Spain)

16.45 - 17.00 Prehabilitation of the frail patient. The most benefited? Differential aspects -  
Graciela Martinez Palli (Spain)

17.00 - 17.15 Cost-effectiveness of prehabilitation - Franco Carli (Canada)

17.15 - 17.30 Pelvic floor a target for pre and rehabilitation after rectal surgery? –  
Carmen Balagué (Spain)

17.30 - 17.45 Freepaper

16.30 - 18.00 Scientific session

Room10

Stream:

**S114 TITLE**

Chairs: .....

Presentations

18.00 - 19.00 Free paper video

Room1

Stream:

**S115 Free paper best videos TOPIC**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room2

Stream:

**S116 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room3

Stream:

**S117 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room4

Stream:

**S118 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room5

Stream:

**S119 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room6

Stream:

**S120 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room7

Stream:

**S121 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room8

Stream:

**S122 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room9

Stream:

**S123 TITLE**

Chairs: .....

Abstracts

18.00 - 19.00 Free paper oral or video

Room10

Stream:

**S124 TITLE**

Chairs: .....

Abstracts

20.00 hrs congress party

### **Saturday, 27<sup>th</sup> November 2021**

**H04.** Laparoscopic bile duct exploration Choledochoscopy

Course directors: Ahmad Nassar (UK) & Jaime Vilaça (Portugal)

Whole day 09.00 - 17.00

**H05.** Ultrasound

Course director: Calin Tiu (Romania), Andreas Melzer (Germany)

Whole day 09.00 - 17.00

This program is designed for a number of 30 participants and for four modules that will take place simultaneously.

- Abdominal Ultrasound
- US Guided Procedures
- eFAST (Trauma)

- Intraoperative Ultrasound

Tutors:

- Stavros Antoniou, Cyprus Abdominal
- Ciprian Duta, Romania, Abdominal
- Valeriu Surlin Romania, Abdominal
- Alexandru Carap, Romania, eFAST
- Bogdan Socea Romania, eFAST
- Gerald Filip, Romania, Guided Puncture
- Vasile Bintintan, Romania, Guided Puncture
- Andrei Keidar, Israel, Intraoperative
- Florin Botea (Romania), Intraoperative
- Oriana Elena Mocanu, Romania, Vascular Doppler (contributions in Abdominal, US Guided Procedures, eFAST and Intraoperative modules)

Modules	Participants	Projectors	Screen	Beds	Chairs	Tables	clothes hangers
Abdominal	9	1	1	3	9	0	
Guided procedures	6	1	1	0	6	2	
eFAST	9	1	1	3	9	0	
Intraoperative	6	1	1	0	6	2	
Total	30	4	4	6	30+10=40	4	According with the participants number

