

BEYOND GYNECOLOGIC SURGERY

4TH 5TH 6TH APRIL 2018

CONGRESS & EXHIBITION

CENTER POLYDÔME

CLERMONT-FERRAND FRANCE

PROGRAM



CONGRESS PRESIDENTS :
Arnaud WATTIEZ
Errico ZUPI

SCIENTIFIC
PROGRAM CHAIR :
Michel CANIS



ARNOLD ADVINCULA, M. ANDOU, MARCELLO CECCARONI, BERNARD CHERN
RUDY CAMPO, RUDY DE WILDE, HUA DUAN, JON EINARSSON
GARY FRISHMAN, KATHY HUANG, ALAN LAM, TED M. LEE, MARIE F. PARAISO,
BENOIT RABISCHONG, GIOVANNI SCAMBIA, JUAN DIEGO VILLEGAS

PROGRAM (subject to change)

Wednesday 4th of April 2018

Morning

PG1

PG2

PG3

Teaching animal models

2018 Teaching tools

Teaching Suture Lab
APAGE proposal

Expert group on the ideal resident curriculum

Expert group on the definition of the teaching video

Afternoon

Main Session 1

Computer science explained to surgeons

Main session 2

Quality in surgery

Opening ceremony

Wine and cheese in the exhibit hall

Thursday 5th of April 2018

Morning

Main Session 3

Parallel session 1

Teaching and simulation in 2018

Data storage

Main Session 4

Future of robotic surgery and surgical instrumentation

Afternoon

Main Session 5

Parallel session 2

Improving surgical Safety

Operative endoscopy in country
with limited resources

Main Session 6

Parallel Session 3

Translational surgery from Lab to Bed side

The surgeon and social Networks

Friday 6th of April 2018

Morning

Main Session 7

Should the OR Become an Airline cockpit ?

Main Session 8

Which picture on our screen in 10 years ?

Closing Lunch in the exhibit hall

BEYOND GYNECOLOGIC SURGERY

FROM IMAGINATION TO INNOVATION & EDUCATION

PROGRAM (SUBJECT TO CHANGE)

Post graduate course 1

* Prospective speakers

Teaching animal models

Requirements for animal models, Models for interventional radiology *P Chabrot*

Models for vaginal surgery *S Curinier*

Models for complex laparoscopic surgery (Lower Abdomen) *R Botchorishvili*

Models for complex upper abdominal procedures *TBD*

SIMlife a model using a pulsated revascularized and reventilated cadaver for surgical education *C Breque**

Model For Vascular Surgery *TBD*

Post graduate course 2

Teaching tools

Virtual reality simulators: the future *P Crochet*

Using MOOC to teach surgery *TBD*

Complementing operating room teaching with video based coaching

The ten steps academy *N Bourdel*

Elearning lessons from organizing a national training program among 500 French resident of radiology *A Cotten**

Low cost pelvic trainer *M Centini Italy**

Telementoring or on site Mentoring effectiveness *Dutch Pancreatic Cancer Group TBD**

Building a national program of proctoring for a complex surgical

Briefing Debriefing experience derived from a military teaching Method *R Mashiach (Israël)*

May everyone develop his own simulator ? *S. Boughiziane*

Wearable technology is an international telementoring setting during surgery : a feasibility study on the assesement of technical skills *M. Jansen (Netherlands)*

Post graduate course 3

Teaching suture Lab *Pr Andou organized by APAGE*

Expert meeting groups by inscription participants limited to 40

Venue Polydome or CICE

Group 1

Defining an ideal raining curriculum for gynecologic endoscopic surgeons

Lessons from an international survey on the residents real life Teaching the residents views of the residents, requirements *C Tixier (France)*

- US curriculums comparing gynecology and general surgery *I. Green (USA)*
- Canadian experience
- German experience *R De Wilde*
- Chinese experience *CL Lee*
- Japanese experience *M Andou**
- Lessons from the european academy *R Campo*
Discussion among experts to propose a suitable model

Group 2

Defining the criteria of a teaching video *A Wattiez*

- Results from an online survey *P Chauvet*
- Experience from Surgery *S Mansuria*
- Guidelines proposed by minimally invasive surgery journals *A Setubal*
- What can we learn from bad procedures ? *R Botchorishvili*
- Lessons from video from video performed by the resident for him or herself for other resident ? *TBD*
- Discussion among experts and participants could acceptable guidelines be proposed ?
- What is available on the web to learn surgery ? *C. Galczynski (Poland)*

Main session 1

Computer science explained to surgeons

- Basics of computer vision explained to the surgeons *A Bartoli*
- Artificial Intelligence. *TBD*
- Augmented reality Computer aided surgery
- Artificial Neural Networks and Deep Learning explained to surgeons
- Unintended consequences on machine learning in medicine

Main session 2

Quality in Surgery

Chair L Boyer, A Advincula

- Quality VS Pertinence?? experience from the Radiologists *A Rahmouni**
- Assessing surgical skills using video assessment beyond CSATS? *K Huang (USA)*
- Quality Definition in Interventional radiology *Pr Rousseau*
- Quality in surgery the US perspective *A Advincula (USA)*
- Could we prevent bad surgeons to work? *I Einarsson (USA)*
- Improving safety in surgery from a practical example to general guidelines ? *A Fingerhut*

Main session 3

Teaching and simulation in 2018

Chair B Rabischong

- Feasibility of surgical skills assessment. From training of raters to reliable and consistent results *TP Grantcharov*
- Assessment of surgical skills: OSATS VS Check list scoring system *P Crochet*
- GESEA Certification : up-date in 2018 of the 7 certified centers what consequences on the surgical practice of certified surgeons. *T. Campo*
- Burn out and post traumatic stress among surgery residents, do we need to teach resillience? *G Frishman*
- How many hours of work for a surgical resident? *TBD*
- Teaching of non technical skills and evaluation *R. Flyn & G. Youngson (GB)*

Main session 4

Futur of robotic surgery

- Robotic surgery in 2018, where do we stand From the fascinating technology to limited clinical benefits and a challenging economical questions *G Scambia*
- Nano robots *B Nelson (Switzerland)*
- Which Robot for the future ou robot? *TBD*
- High frequency ultrasound surgery *C Lafon*
- Artificial intelligence and robotic or haptic feedback on robotic procedures *Claudio Pacchierotti (France)*

Main session 5

Improving Surgical Safety

- Beyond the OMS Cheklist / Teaching risk management by analysis of undesirable events associated with care *TBD*
- Teamwork teaching tools and or Non technical skills training in endoscopic surgery *R. Flyn & G. Youngson (GB)*
- Intraoperative safety procedures to prevent and correct the consequences of technical breakdowns, *B Rabischong*
- Should the surgeons have a daily training and or a coach? *M Paraiso (USA)*
- Why pilots with hazardous attitudes are banned from the cockpits ? *TBD Airline Pilot*

Main session 6

Translational surgery: Long journey from Labarotory to bed side

- Genital prolapse: from pathophysiology to tissue engineering *S Mukherjee (Australia)*
- Hype and expectations in tissue engineering. *TBD*
- Laparoscopic surgical peritoneal environment: from animal models to clinical trials *R Botchorishvili*
- Intra operative molecular Imaging diagnostic or therapeutic tool Teranostics *TBD*
- Surgical Smokes are we facing a significant clinical problem, in a closed surgical environment *TBD*

Main session 7

Should or will the OR become an airline Cockpit

- Black box recording: airline pilot experience and current perspectives *Air France Pilot*
- Debate Video recording of the surgical procedure should become compulsory. Yes *P Koninckx* / No *M Canis*
- Black box recording and video recording of the procedure *TP Grantcharov (Canada)*
- Registration of the surgical workflow expertise *Research group Camma N Padoy*
- Black box recording of surgery data *M Shijven (Netherlands)*

Main session 8

Which pictures on our screen in 10 years ?

- Augmented Reality for deformable and moving target : *T Collins N Bourdel*
- Segmentation : 3d specific anatomy from one patient to one training: *L Soler**
- Optical biopsy, in vivo microscopy *G Chêne*
- Fluorescence from diagnosis to fluorescence guided surgery to phototherapy will an old dream become true *S Mordon*
- The 21st century OR from endoscopy to functional MRI and fluorescence *M Diana*

Parallel Session 1

Patient data Storage including Imaging, Surgery and pathological data

- Data archiving : what do we need? *A Luciani*
- Data transfer: a radiological point of view *L Bousset*
- Technical state of the art, confidentiality safety, economical models *L Carredda*
- Ethical concerns about data storage CNOM : *TBD*

Parallel Session 2

May we adapt endoscopic technologies in remote places

- Laparoscopy when economical resources are not unlimited. Laparoscopy otherwise ? Is there a country with unrestricted economical resources ?
- A low cost disposable endoscope or a usual laparoscopic equipment: the example of Mongolia
- Is my smartphone screen, the future of endoscopic surgery?

Parallel session 3

Social network and the surgeon

- Running a you tube channel *H Roman*
- Are social networks valuable teaching tools
- Ethical and legal aspect *TBD*
- Pitfalls in using social media how should we protect our practice, our patients. Lessons from a media expert *TBD*
- Patients point of view *L Hummelshoj (Denmark)*
- Relationship with patients and with patients associations *C Zaccaroupolo (France)*

Speakers

Meet the people who will awe us by sharing their knowledge, expertise and wonderful stories.



Claudio Pacchierotti

Claudio is a CNRS Chargé de Recherche (CR2) in the Lagadic group of Rennes, France, since December 2016.



Arnold P. Advincula,

Dr. Advincula is the Levine Family Professor, Vice-Chair of Women's Health & Chief of Gynecology at the Sloane Hospital for Women, Columbia University Medical Center/New York Presbyterian Hospital in addition to serving a Division Chief of Gynecologic Specialty Surgery.



Arnaud Wattiez

Professor, University of Strasbourg
Head of Gynecological Courses at IRCAD



Jon Einarsson

Dr. Einarsson is the Director of the Division of Minimally Invasive Gynecologic Surgery (MIGS) at Brigham and Women's Hospital (BWH) and an Associate Professor in Obstetrics and Gynecology at Harvard Medical School. Dr. Einarsson is the current President of the AAGL.



Teodor Grantcharov

Professor of Surgery, University of Toronto
Canada Research Chair in Simulation and Surgical Safety
Keenan Chair in Surgery, St. Michael's Hospital



Cyril Lafon

Dr. Lafon was recruited by INSERM, Unit 556, in 2002 as a research scientist. He is now research director and head of LabTAU, INSERM Unit 1032.

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Alain Luciani

Full Professor – Medical Imaging Department, CHU Henri Mondor, Paris Est University , AP-HP
Research Team : INSERM U955 Equipe 18



Marlies Schijven

Full Professor of Surgery, Principal Educator and Principal Investigator
Chair on Simulation, Serious Gaming and Applied Mobile Healthcare
University of Amsterdam, the Netherlands
Program Leader e-Health of the Netherlands Federation of University Medical Centres



Serge Mordon

Pr. Serge R. Mordon, PhD works in Lille, France for the French National Institute of Health and Medical Research (INSERM). He is the director of INSERM U 1189 (Image Assisted Laser Therapies Assisted for Oncology) and the director of the Photomedicine Center (Lille University Hospital).



Philippe Robert Koninckx

Following a PhD on steroid chemistry, endometriosis and infertility he became full Professor at KULeuven. Endoscopic surgery made him in 1996 Visiting Professor in Oxford and Honorary consultant in the UK, in 2003 Visiting Professor in Rome (Università Del Sacro Cuore) and honorary Prof in Moscow.



Roy Mashiach

Dr Mashiach is vice chair of the Gynecologic Department in Israel's biggest hospital «Chaim Sheba Medical Center». He is also a director of Gynecological and Endoscopic training in M.S.R.



Nicolas Padoy

is an Associate Professor at the University of Strasbourg, holding a Chair of Excellence in medical robotics within the ICube laboratory. He leads the research group CAMMA on Computational Analysis and Modeling of Medical Activities.

Speakers

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Errico Zupi

Academic

Appointed as Full Professor of Obstetrics and Gynecology on January 2014



Suketu Mansuria

CV



Gautier Chêne

Prof. Gautier Chêne, MD, PhD, was trained at university hospital of Clermont-Ferrand, France. He is now a surgeon in gynecology at university hospital of Lyon, France.



Hervé Rousseau

Professor of Radiology & Interventional Radiology and Head of Department of Radiology Ranguel University Hospital, Toulouse, France.

Hervé Rousseau, MD, PhD is a pioneer in Interventional Radiology, mainly with the first stents placed in human vessels in Europe, early in 1985. Furthermore he has been on the cutting edge of research and development in vascular interventions, particularly in stent and stent graft development for peripheral vessels, TIPS and aortic diseases.

Prof Hervé Rousseau received his medical degree from Toulouse University of Paul Sabatier, and completed medical training at Toulouse in France. In 1988 he obtained a Master in surgical science in Paris. Since 1990 he has been a Professor of Radiology at his alma mater of Paul Sabatier.

Since 2000 he has been the director of the Research Imaging Centre at the Paul Sabatier University then in 2007 in the INSERM unit (I2MC, INSERM U1048) at CHU Ranguel Toulouse.

Prof Rousseau has been a reviewer of numerous journals, including the CVIR, the Journal of Endovascular Therapy, JCTVS, Circulation and European Radiology and published more than 200 papers in peer-reviewed medical journals. Throughout his career he has attended more than 450 national and international congresses and meetings and joined twenty medical societies in France and abroad.

He is the past president of the French Society of Cardio Vascular Interventional Radiology in 2002 and held numerous offices in the CIRSE. Prof Rousseau was Co-chairman of the CIRSE meeting in 2005.

Speakers

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George G Youngson

George Youngson graduated from Aberdeen University Medical School in 1973. After research and training in a number of centres and countries (Aberdeen, Inverness, Uppsala Sweden, London Ontario, Hospital for Sick Children Toronto, Canada), he was appointed a Consultant General Surgeon in Aberdeen Royal Infirmary in 1984 and Consultant Paediatric Surgeon at Royal Aberdeen Children's Hospital in 1988. He was awarded a personal chair in paediatric surgery by Aberdeen University in 1999 and appointed as Emeritus Professor in 2010. He was made Commander of the Order of the British Empire (CBE) for services to Child Health in Scotland in June 2009.

He was previously Council member and Vice-President of the Royal College of Surgeons of Edinburgh, and is currently co-convener of the colleges' Safer Operative Surgery Course and Non-Technical Skills (NOTSS) Master Classes.

His major interests are in surgical education, research into human factors related to surgical performance, and service configuration for children's specialist care. Currently, he is a trustee of the Archie Foundation in Aberdeen and past co-chairman of the Managed Service Network for Children and Young People with Cancer in Scotland.

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LOCAL SCIENTIFIC COMMITTEE :

A. BARTOLI - R. BOTCHORISHVILI
N BOURDEL - L. BOYER - P. CHABROT
S. CAMPAGNE LOISEAU - P. CHAUVET
S. CURINIER - AS. GREMEAU - C. HOULLE
G. MAGE - S. MATSUZAKI - JL. POULY
B. RABISCHONG - AG. RABISCHONG
K. SLIM - C. TEXIER - S. BOUGHIZIANE



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