IPEG’s 25th Annual Congress for Endosurgery in Children

Held in conjunction with JSPS, AAPS, and WOFAPS

May 24–28, 2016
Fukuoka, Japan
HELD AT THE HILTON FUKUOKA SEA HAWK

ADVANCE PROGRAM 2016

Early Registration & Housing Deadline: March 25, 2016
Welcome Message

Dear Colleagues,

On behalf of our IPEG family, I have the privilege to welcome you all to the 25th Congress of the International Pediatric Endosurgery Group (IPEG) in Fukuoka, Japan in May of 2016.

This will be a special Congress for IPEG. We have paired up with the Pacific Association of Pediatric Surgeons and the Japanese Society of Pediatric Surgeons to hold a combined meeting that will add to our always-exciting IPEG sessions a fantastic opportunity to interact and learn from the members of those two surgical societies. I want to thank Dr. Tomoaki Taguchi and the local leadership team for welcoming us to Japan.

IPEG is a truly international society founded by pioneers who believed that minimally invasive surgery in children was possible. It was not easy, but with passion, commitment and never ending enthusiasm they indeed made it possible. IPEG’s 25th anniversary is a testimony of how pediatric surgeons from all over the world can work together and push in the same direction to share knowledge, teach, learn, and ultimately improve the surgical care of all children.

As the first female IPEG president I want to encourage all female surgeons to become active IPEG members, join our committees, bring ideas, share your experiences and work with us. IPEG is an amazingly friendly society where everyone is welcome.

For IPEG’s 25th meeting our Program Chairs Dr. Pablo Laje, Dr. Atsuyuki Yamataka, and our local Chairs Dr. Tadashi Iwanaka, and Dr. Tomoaki Taguchi have put together a phenomenal program that includes innovative hands-on simulation courses, interactive discussions with experts, combined panels and debates with IPEG, JSPS and AAPS members, a special lecture on the field of advanced surgical technology given by Dr. Steven Schwartzberg, a web-based live conference from IRCAD given by Dr. Luc Soler, many exciting scientific sessions and a fabulous social event with surprises and a lot of fun.

I would also like to thank Jacqueline Narváez, IPEG Executive Director, and the team at BSC Management Inc., without whom, this would not be possible.

We hope to see you all in Fukuoka!

Sincerely yours,

Marcela Bailez
IPEG President
General Information

Who Should Attend?
The 25th Annual Congress of the International Pediatric Endosurgery Group (IPEG) has elements that have been specifically designed to meet the needs of practicing pediatric surgeons, urologists, and other related specialties, physicians-in-training, GI assistants, and nurses who are interested in minimally invasive surgery in children and adolescents. The IPEG Program Committee recommends that participants design their own attendance schedule based on their own personal educational objectives.

2016 Meeting Objectives
The objectives of the activity are to educate pediatric surgeons and urologists about developing techniques, to discuss the evidence supporting adopting these techniques, to provide a forum for discussions at a scientific level about the management principles regarding minimally invasive surgical techniques and to reveal scientific developments that will affect their patient population.

Specific Objectives include:
1. Presentation of new and developing minimally invasive surgical techniques in a scientific environment.
2. Interaction with experts in the fields of minimally invasive pediatric surgery and urology via panel discussions and informal networking.
3. Debates about controversial issues regarding indications, techniques and outcomes of minimally invasive surgery in infants and children.
4. Encourage and establish international networking in the management of minimally invasive surgical interventions for infants and children.

At the conclusion of the activity, pediatric surgeons and urologists will be able to safely incorporate minimally invasive surgical techniques into their practice by applying the evidence-based medical knowledge and skills learned, recognizing pitfalls and monitoring patient outcomes.

Event Dress Code
Please note that the dress code for the entire conference is business casual.

Why IPEG?

Now is an excellent time to become an IPEG member.

IPEG Member Benefits
IPEG exists to support excellence in Pediatric Minimally Invasive Surgery and Endoscopy through education and research; to provide a forum for the exchange of ideas in Pediatric Minimally Invasive Surgery and Endoscopy, and to encourage and support development of standards of training and practice in Pediatric Minimally Invasive Surgery and Endoscopy. Benefits of membership include:

- **Network** – A network of over 750 pediatric Surgeons Worldwide, and opportunities to meet and discuss pediatric minimally invasive surgery with leaders and innovators in the field
- **Journal** – Subscription to the Journal of Laparoendoscopic & Advanced Surgical Techniques (a $1200 value is yours for FREE with your paid IPEG membership.)
- **Access to State-of-the–Art Hands On Courses**
  - Advance Neonate
  - Innovations
  - Basic Skills acquisition with world renowned faculty
  - Research
- **Continuing Education**
  - Innovation Opportunities
- **Registration Discounts** – Significant discounts on registration fees for the Annual Congress for Endosurgery in Children. (Note: registering for the IPEG Scientific Session, as a member, will save you the equivalent of one year’s dues)
- **Affordable Dues** – Affordable dues for surgeons and surgeons-in-training in any country.
- **Awards** – As an IPEG member you can enter to win Awards such as:
  - IPEG Research Grant
  - IRCAD Award
  - Basic Science Award

For more information on awards and to see the 2015 winners please go to page 7.

To become an IPEG member visit us online at: www.ipeg.org/member/memberapplication.
Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) and IPEG. SAGES is accredited by the ACCME to provide continuing medical education for physicians.

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) designates this live activity for a maximum of **24 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### 2016 Program Chairs

**PROGRAM CHAIR:** Pablo Laje, MD  
**PROGRAM CO-CHAIR:** Simon Clarke, MD  
**PROGRAM CO-CHAIR:** Atsuyuki Yamataka, MD, PhD  
**LOCAL PROGRAM CHAIR:** Tadashi Iwanaka, MD, PhD  
**LOCAL PROGRAM CHAIR:** Tomoaki Taguchi, MD, PhD, FACS

**Pablo Laje, MD**  
*Program Chair*

Dr. Pablo Laje is Assistant Professor of Surgery at the University of Pennsylvania and Attending Surgeon at the Children’s Hospital of Philadelphia (CHOP), USA. He attended Medical School at the University of Buenos Aires. He did his Pediatric Surgery training at the “JP Garrahan” National Pediatric Hospital in Buenos Aires. He did several years of basic and clinical research at the Children’s Hospital of Philadelphia in the areas of fetal surgery and minimally invasive surgery. He was appointed CHOP faculty in 2011.

Dr. Laje has a particular interest in pediatric minimally invasive surgery and has conducted numerous basic science research projects to study the physiological implications of minimally invasive surgery on healthy and diseased organs. He is a former winner of the Best Basic Science Abstract Award at IPEG and former recipient of the IPEG’s Research Grant for his work on minimally invasive surgery in biliary atresia.

He has more than 35 publications on PubMed and has written multiple book chapters in the pediatric surgery literature. He has been an active IPEG member for over 12 years.

**Simon Clarke, MD**  
*Program Co-Chair*

Simon Clarke has served as Clinical Director at the Chelsea children’s Hospital, London for children’s surgical services for the past 3 years as well as honorary senior lecturer at Imperial College London. He has been at the institution as a consultant since 2005 having worked previously at Great Ormond street as well as an Associate Professor in the minimal access training unit at the Chinese University of Hong Kong. Simon recieved his medical degree and completed his surgical training in Oxford and London.

Simon has served on the educational committee at IPEG for over 7 years and now leads the evidence based guidelines group. Simon has an interest in simulation, model development, education and more recently robotics. Simon is currently chairman of the Education Committee for British association of Paediatric Surgeons and also serves as simulation lead for the UK national training committee. Simon established and serves as course director for the UK’s first national facilitating simulation course for Paediatric Surgeons as well as being course director for an advanced minimal access training course. Simon has helped establish one of only two robotic surgical programs for children in the UK and regularly lectures in UK and Europe on this as well as simulation and minimal access surgery. Simon has published over 60 peer reviewed articles, abstracts and book chapters and has been awarded 8 clinical Excellence awards during his consultancy.
2016 Program Chairs

Atsuyuki Yamataka, MD, PhD
Program Co-Chair

Yama is the Professor/Head of the Pediatric Surgery Department, and the Director of the Perinatal Medical Support Centre at Juntendo University School of Medicine, Tokyo, Japan. He is also the Visiting Co-Professor of the Department of Gastrointestinal and Pediatric Surgery at Tokyo Medical University, Tokyo, Japan. He graduated from Juntendo and continued his pediatric surgery training there and also at Alder Hey Hospital, (Liverpool, England), Great Ormond Street Hospital (London, England), Princess Alexandra Hospital (Queensland, Australia)/Royal Brisbane Children’s Hospital (Brisbane, Australia) and Wellington Hospital (Wellington, New Zealand).

His clinical interests include Minimally Invasive Surgery, Hepatobiliary Surgery, Anorectal Malformation and Hirschsprung’s Disease.

He is on the Editorial Board as an Editorial Consultant for Journal of Pediatric Surgery and Pediatric Surgery International, as well as being the Pediatrics Asian Editor for Journal of Laparoendoscopic Advanced Surgical Techniques (JLAST) and JLAST Videoscopy. He is also an Associate Editor for Frontiers in Pediatric Surgery.

He has served as the President of the International Pediatric Endosurgery Group in 2007, and the Publication Committee Chairman of the Pacific Association of Pediatric Surgeons from 2007-2009. He is currently serving as: the President of the Asian Association of Pediatric Surgeons, the President-Elect, and member of the Board of Directors of the Pacific Association of Pediatric Surgeons, the Publication Committee Chairman of the Japanese Society of Pediatric Surgeons (international session), the Publication Committee Chairman of the Asian Association of Pediatric Surgeons Pediatric Surgeons as well as holding numerous and other positions in various Japanese and International Pediatric Surgery Associations.

Presently, he has published over 300 peer-reviewed articles in various high-quality journals.

“Operate on sick children as if they were my own child.” – Dr. Yamataka

Tadashi Iwanaka, MD, PhD
Local Program Chair

Tadashi Iwanaka, MD, PhD has just moved from The University of Tokyo Hospital to The Saitama Children’s Medical Center, Saitama, Japan, as a director. He graduated from Faculty of Medicine, The University of Tokyo in 1978, and he was surgeon-in-chief, Saitama Children’s Medical Center, Saitama, Japan from 1997 to 2006. His research and clinical interests are neonatal anomalies, surgical oncology, and pediatric minimally invasive surgery. He was Congress Chairman of the 50th Annual Meeting of Japanese Society of Pediatric Surgeons (2013) and the President of IPEG 2013. His hobbies are walking, cooking, and eating good foods with his friends and family. Also he is very happy to spend his holidays with his granddaughter.

Tomoaki Taguchi, MD, PhD, FACS
Local Program Chair

Tomoaki Taguchi, MD, PhD, FACS is Professor and Chairman, Department of Pediatric Surgery, Graduate School of Medical Sciences, Kyushu University. He graduated from Faculty of Medicine, Kyushu University in 1979, and he spent one year as Post-doctoral fellow in McGill University in 1987-88. He became Professor in 2006.

His research and clinical interests are neonatal surgery, surgical oncology, organ transplantation, tissue engineering, and minimally invasive surgery.

He was President of Japanese Society of Pediatric Surgeons from 2011 to 2013. He was Congress Chairman of Japanese Society of Pediatric Hematology/Oncology in 2013. He is now Congress Chairman of Japanese Society of Perinatal and Neonatal Medicine in 2015. He is going to be Congress Chairman of Japanese Society of Pediatric Surgeons and Asian Association of Pediatric Surgeons in 2016.

His hobbies are walking in mountains and playing tactical games. His dream is changing Japanese Capital from Tokyo to Kyushu.
**Celeste Hollands, MD**  
CME Chair  
*University of South Alabama in Mobile, AL, USA*

Dr. Hollands is currently Adjunct Associate Professor of Surgery at the University of South Alabama and a Pediatric Surgeon at The University of South Alabama Children’s and Women’s Hospital in Mobile, Alabama. Dr. Hollands completed medical school at the University of South Alabama and completed her surgical residency at The Graduate Hospital of the University of Pennsylvania. She completed a Pediatric Trauma fellowship at The Children's Hospital of Philadelphia and a Pediatric Surgery Fellowship at Miami Children's Hospital. She served on the surgical faculty as Assistant Professor of Surgery and Pediatrics at Louisiana State University Health Sciences Center in Shreveport, Louisiana where her research focused on developing pediatric robotic surgical procedures. She served on the faculty of the University at Buffalo, Women's and Children's Hospital of Buffalo as Associate Professor of Surgery and Pediatrics where she was Director of the Miniature Access Surgery Center and Director of Trauma. Dr. Hollands was Associate Professor of Surgery and Pediatrics at the University of South Alabama where she served as Chief of Pediatric Surgery and Director of Surgical Simulation. Dr. Hollands has published on topics that include: minimally invasive and robotic surgery, pediatric trauma, simulation, and faculty development. She serves as Chair of the American College of Surgeons Committee on Medical Student Education, as Community Editor for the American College of Surgeons Women in Surgery Committee, as a member of the American College of Surgeons and Association for Surgical Education Core Curriculum Steering Committee, as Vice President of the Association of Women Surgeons and is active in committee service in the International Pediatric Endorsurgery Group, Society of American Gastrointestinal and Endoscopic Surgeons, Association for Surgical Education, and is a member of the American Pediatric Surgical Association, and the American Academy of Pediatrics Section on Surgery. She serves on the editorial board of *The American Journal of Surgery* and *The Journal of Laparoendoscopic and Advanced Surgical Techniques* and is an ad hoc reviewer for several other journals. Her interests include advanced minimally invasive surgery and robotics, technical skills acquisition, surgical simulation and education.

**Samir Pandya, MD**  
CME Co-Chair  
*New York Medical College*

Dr. Samir Pandya was awarded his Bachelor’s of Science with honors in Biomedical Engineering at the University of Miami. He subsequently pursued medicine to be on the front lines of patient care and medical device development. He completed his medical training at the Medical College of Virginia and then General Surgery residency at the Westchester Medical Center Campus of New York Medical College in Valhalla, NY. He went on to train in Pediatric General and Thoracic Surgery at Children’s Healthcare of Atlanta at Emory University in Atlanta. Upon completion of his fellowship training in 2011 he joined the faculty at New York Medical College as Assistant Professor in the Department of Surgery and Pediatrics. He has a very strong interest in minimally invasive pediatric surgery with expertise in minilaparoscopy and single-incision procedures. He is currently the Surgical Director for Newborn Surgery, Pediatric and Neonatal Extracorporeal Life Support programs at the Maria Fareri Children's Hospital. He has a strong interest in thoracic diseases as related to pediatric patients such as chest wall anomalies, congenital lung lesions as well as surgical oncology. Academically he enjoys working with medical students, residents and fellows. He has received numerous teaching awards during his career. He currently also serves as the Associate Program Director of the General Surgery Residency at New York Medical College. Dr. Pandya is actively on the IT and Emerging Technology committees of IPEG and also serves as the CME Co-Chair. Outside of pediatric surgery, Dr. Pandya enjoys running, skiing, diving, digital photography and target shooting.

**Matthew Clifton, MD**  
CME Co-Chair  
*Emory University, Children’s Healthcare of Atlanta, GA*

Dr. Matthew Clifton earned his undergraduate degree in Physiology from the University of California, Los Angeles. He completed medical school at Georgetown University and returned to California for his adult general surgery residency at the University of California, San Francisco. During his residency he spent two years as a research resident in the Fetal Treatment Center at UCSF. He completed his pediatric surgery fellowship at Emory University in Atlanta. Dr. Clifton is currently an Assistant Professor of Surgery and Pediatrics at Emory University/Children’s Healthcare of Atlanta. He assumed the role of fellowship program director in 2013, which has dovetailed nicely with his interest in surgical education, simulation, and clinical research. He has received multiple awards for teaching. He serves on the editorial board of *The Journal of Laparoendoscopic and Advanced Surgical Techniques, Part B Videoscopy* and is an ad hoc reviewer for several other journals. His interests include advanced minimally invasive surgery, hepatobiliary surgery, and surgical oncology.
Award Winners

Best Science Award
The Best Science Award winner is awarded a complimentary registration to IPEG’s 26th Annual Congress and IPEG 3 year membership, total value of over $1000. It is based on a blind review and the winner will be selected by the IPEG Program Committee. The IPEG Executive Committee is committed to education and feels that this is a very concrete way to express that commitment.

IRCAD Award
As a result of a generous grant provided by Karl Storz Endoscopy, the best resident abstract presenters will be selected by the IPEG Publications Committee to receive the 2016 IRCAD Award. The Award recipients will travel to Strasbourg, France to participate in a course in pediatric minimally invasive surgery at the world famous European Institute of Telesurgery. This center at the University of Strasbourg is a state-of-the-art institute for instruction in all aspects of endoscopic surgery that is now providing a series of courses in pediatric surgery.

Research Grant
The purpose of the Research Grant is to stimulate and support high quality original research from IPEG members in basic and clinical science. Junior faculty are encouraged to apply and the proposal should place an emphasis on basic science research. One winner will receive a certificate of award and a $5,000 grant. The deadline to submit your application is May 1, 2016.

IPEG 2015 BEST BASIC SCIENCE WINNER

Jie Zhu, MD

Dr. Jie Zhu is an attending doctor at the department of pediatric surgery of Children’s Hospital of Soochow University in Soochow, China. He was selected as a visiting scholar in Juntendo University for 3 months last year in Tokyo, Japan. He recently received the 2015 IPEG Best Basic Science Award for his research project in Soochow. His research focuses on the impact of laparoscopy and laparotomy surgery on NLR signal pathway in children with appendicitis.

This study aims to discuss the effects of stress response caused by different kinds of surgery on NOD-like receptor (NLR) mediated innate immune response by comparing the changes in NOD1 and NOD2 signals in children with appendicitis preoperatively and postoperatively.

This research found that transient systemic inflammation can be caused by appendectomy, but it was less sever by laparoscopy than by laparotomy; laparotomy may cause the decreased expression levels of CD14, MD-2 and TLR4 on monocytes, but the stress response was relieved to a certain extent in LA group, and open appendectomy can inhibit the activation of TLR4 signaling pathway in monocytes upon LPS stimulation, which may result in the insufficient amount of TNF-α and IL-6 during postoperative infection, while laparoscopy surgery can reduce the side effect to some extent.

Dr. Zhu’s instructor Professor Jian Wang and his team are devote to the research of inflammatory response and the resultant stress response during laparoscopic surgery. The Department of Pediatric Surgery in Children’s Hospital of Soochow University is a center of excellence for neonatal and pediatric general surgery, specifically focusing on laparoscopic surgery. The Department of Pediatric Surgery has extensive experience in pediatric surgery disease such as congenital anorectal malformations, congenital biliary dilatation, Hirschsprung’s disease and so on, focusing on laparoscopic minimally invasive surgery of children.

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Additional Support provided by: Ethicon

*2016 Meeting Corporate Supporters will be updated on the IPEG’s website and in the IPEG 2016 Final Program.
IPEG 2015 COOLEST TRICKS WINNER

Marcelo Martinez-Ferro, MD

Marcelo Martinez-Ferro was born in Buenos Aires, Argentina. He graduated from the Buenos Aires University School of Medicine in 1983, completing his residency in pediatric surgery at the Ricardo Gutierrez Children’s Hospital. Later, at Garrahan National Children’s Hospital, where he stayed for 15 years, he focused in drastically improving survival of newborn surgical patients, whose mortality rate was historically very high in Argentina.

In 1992, the completion of a fellowship at the Fetal Treatment Center of the UCSF, confirmed his passion and interest in fetal treatment and video surgery. Upon his return to Argentina, Dr. Ferro became a pioneer in pediatric minimal access surgery (laparoscopy, thoracoscopy) developing techniques, tools and multidisciplinary teams to perform pediatric surgeries never done before in the country. In the early 90’s, Dr. Ferro and his team performed the first pediatric minimal access surgery procedure in Argentina and in 2001, together with the CEMIC Surgical and Obstetrical Team, the first fetal surgery of myelomeningocele in South-America.

Many of the novel minimal access surgical techniques and procedures used today resulted from Dr. Ferro’s innovative approaches, especially in the treatment of esophageal atresia, hepatobiliary disorders, neonatal thoracoscopic and laparoscopic procedures, and chest wall deformities. One of his most significant contributions was the invention, together with Dr. Fraile, of the FMF Dynamic Compressor System, an adaptable brace used to correct chest wall deformities, which is currently used worldwide with excellent results.

Author of the Latin American best seller “Neonatologia Quirurgica” (Surgical Neonatology) text-book, more than 20 other book chapters and close to 150 publications, he remains a highly-requested lecturer and guest speaker for numerous surgical and medical societies and is a former IPEG (International Pediatric Endosurgery Group) President.

As current professor of surgery and pediatrics, Chief Division of Pediatric Surgery, at Fundación Hospitalaria Children’s Hospital in Buenos Aires, he keeps a busy academic life and intense medical practice, fostering research, team-work, academic excellence and career development of his staff. Always restless and in search of new trends and challenges, he is currently investigating potential clinical applications of 3D printing in pediatric surgery.

As the first author of prize winning “Coolest Tricks“ abstract in 2015, Dr. Martinez – Ferro deeply wishes to acknowledge the hard work of all the authors involved, some of which appear in this photograph.

IPEG 2015 RESEARCH WINNER

Sybille Waldron, MD

My medical studies at Hamburg University were completed in 2011 where I focused on neurosurgical research. I started my first job in general surgery shortly after, however throughout my studies I developed a strong interest for pediatric medicine, specifically surgery. I successfully applied for my current position in Mainz University Hospital in 2013 where I have started to develop my research interests as well as fulfilling my position as a pediatric surgeon. My recent research projects have focused on treatment technique comparisons in gastro-intestinal and burn procedures respectively. My future projects, with the help of the 2015 IPEG research grant, will focus specifically in procedure development utilizing a multiphoton microscopy to investigate its potential use in oncology diagnostics.

All abstract presenters are required to register for the meeting by the early registration deadline: March 25, 2016
2016 Meeting Leaders

PROGRAM COMMITTEE

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Long Li, MD

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Atsuyuki Yamataka, MD
C.K. Yeung, MD

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Mark Wulkan, MD (2015)
Benno Ure, MD, PhD (2014)
Tadashi Iwanaka, MD, PhD (2013)
Carroll M. Harmon, MD, PhD (2012)
Gordon A. MacKinlay, OBE (2011) – Retired
Marcelo Martinez Ferro, MD (2010)
George W. Holcomb III, MD (2009)
Jean-Stephane Valla, MD (2008)
Atsuyuki Yamataka, MD (2007)
Keith Georgeson, MD (2006)
Klaas (N) M.A. Bax, MD (2005) – Retired

Craig Albanese, MD (2003)
Vincenzo Jasonni, MD (2002) – Retired
Peter Borzi, MD (2001)
Steven Rothenberg, MD (2000)
Juergen Waldschmidt, MD (1999) – Deceased
Hock L. Tan, MD (1998) – Retired
Takeshi Miyano, MD (1997) – Retired
Steven Rubin, MD (1996) – Retired
Gunter-Heinrich Willital, MD (1995)
2016 IPEG Faculty

Aayed R. Al-Qahtani, MD – Riyadh, Saudi Arabia
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Miguel Guelfand, MD – Santiago, Chile
Munther J. Haddad, MD – London, United Kingdom
Carroll M. Harmon, MD – Buffalo, NY, USA
Celeste Holland, MD – Spanish Fort, AL, USA
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Saleem Islam, MD – Gainesville, FL, USA
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Timothy D. Kane, MD – Washington, DC, USA
Joaquim F. Kuebler, MD – Hannover, Germany
Pablo Laje, MD – Philadelphia, PA, USA
Charles M. Leys, MD – Madison, WI, USA
Long Li, MD – Beijing, China
Manuel Lopez, MD – Saint Etienne, France
Tobias Luithle, MD – Tuebingen, Germany
Maximiliano Maricic, MD – Buenos Aires, Argentina
Marcelo Martinez-Ferro, MD – Buenos Aires, Argentina
Milissa A. McKeel, MD – Phoenix, AZ, USA
John J. Meehan, MD – Seattle, WA, USA
Martin L. Metzelder, MD – Vienna, Austria
Carolina A. Millan, MD – Buenos Aires, Argentina
Go Miyano, MD – Tokyo, Japan
Oliver J. Muensterer, MD – Mainz, Germany
Thanh Liem Nguyen, MD – Hanoi, Vietnam
Masaki Nio, MD – Sendai, Japan
Matthijs W.N. Oomen, MD – Amsterdam, The Netherlands
Daniel Ostlie, MD – Phoenix, AZ, USA
Samir Pandya, MD – New York, NY, USA
Todd Ponsky, MD – Akron, OH, USA
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Luc Soler, PhD – Strasbourg, France
Philipp O. Szayaw, MD – Lucerne, Switzerland
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Holger Till, MD – Graz, Austria
Hiroo Uchida, MD – Nagoya, Japan
Reza Vahdad, MD – Cologne, Germany
David C. Van der Zee, MD, PhD – Utrecht, The Netherlands
Kenneth K. Wong, MD – Hong Kong, China
Richard John Wood, MD – Columbus, OH, USA
Mark Wulkan, MD – Atlanta, GA, USA
Atsuyuki Yamataka, MD – Tokyo, Japan
C.K. Yeung, MD – Hong Kong, China
PRE-MEETING COURSE

Tuesday, May 24
2:00 pm – 6:00 pm  HANDS-ON LAB: High Fidelity Neonatal Course for the Advanced Learner

Wednesday, May 25
8:00 am – 11:30 am  HANDS-ON LAB: Innovations in Simulation Based Education for Pediatric Surgeons
3:00 pm – 7:00 pm  INTERACTIVE POSTGRADUATE SESSION: “The Experts Want to Talk to You”
7:00 pm – 10:00 pm  Welcome Reception in conjunction with JSPS & AAPS

IPEG’S 25th ANNUAL CONGRESS

Thursday, May 26
7:30 am – 8:20 am  SCIENTIFIC SESSION: Video I – Cool Tricks and Extraordinary Procedures
8:20 am – 8:25 am  IPEG Welcome Address
8:25 am – 8:30 am  Local Welcome Address
8:30 am – 9:30 am  SCIENTIFIC SESSION: Gastrointestinal
9:30 am – 10:05 am  PRESIDENTIAL ADDRESS & LECTURE
10:05 am – 10:30 am  Break
10:30 am – 12:00 pm  JOINT EXPERT PANEL: Minimally Invasive Surgery Kasai Revisited
12:00 pm – 12:30 pm  Lunch
12:30 pm – 1:30 pm  Future Innovators 1
1:30 pm – 2:30 pm  SCIENTIFIC SESSION: Robotics and Single Site Surgery
2:30 pm – 3:15 pm  SCIENTIFIC SESSION: Basic Science and Simulation
3:15 pm – 3:30 pm  Break
3:30 pm – 5:00 pm  EXPERT PANEL: Minimally Invasive Surgery in Anorectal Malformations
5:00 pm – 5:30 pm  KEYNOTE LECTURE: “We Can All Be Innovators”
5:30 pm – 6:30 pm  Innovations Session

Friday, May 27
7:30 am – 8:30 am  SCIENTIFIC VIDEO SESSION II
8:30 am – 9:30 am  SCIENTIFIC SESSION: Colorectal & Hepatobiliary Minimally Invasive Surgery
9:30 am – 10:00 am  Break
10:00 am – 11:30 am  SCIENTIFIC SESSION: Thoracic Minimally Invasive Surgery
11:30 am – 12:30 pm  Future Innovators 2
12:30 pm – 1:00 pm  Lunch
1:00 pm – 1:30 pm  KARL STORZ LECTURE: “Virtual and Augmented Reality in MIS”
1:30 pm – 3:00 pm  EXPERT PANEL: Education in Minimally Invasive Surgery
“Your Pediatric Surgery Fellow is Counting on You”
3:00 pm – 4:00 pm  SCIENTIFIC SESSION: Urology Minimally Invasive Surgery
4:00 pm – 5:00 pm  SCIENTIFIC SESSION: Colorectal & Hepatobiliary Minimally Invasive Surgery II
8:00 pm – Midnight  Friday Night Main Event

Saturday, May 28
8:00 am – 9:30 am  SCIENTIFIC SESSION: Miscellaneous
9:30 am – 10:25 am  General Assembly
10:25 am – 10:35 am  IPEG Awards
10:35 am – 11:05 am  EVIDENCE BASED SURGERY: MIS Inguinal Hernia Repair
11:05 am – 12:05 pm  VIDEO SESSION WITH EXPERT PANEL DISCUSSION: “My Worst Nightmare” – The Management of Unexpected Complications and Strategies for Future Avoidance
12:05 pm  Closing Remarks
Innovations Corner

PEDIATRIC LAPAROSCOPIC SURGERY (PLS) SIMULATOR

The Pediatric Laparoscopic Surgery (PLS) simulator has been developed over several years, the emphasis being on tasks proven to benefit in the performance of Minimal Access Surgery (MAS) and for which construct validity (the ability to differentiate between novices, intermediates and experts) has been established.

The model is a box trainer tailored to represent the size constraints (limited domain) faced by a pediatric surgeon. Performance with regard to time for completion and precision on individual tasks, as well as total score, allow one to discriminate between novice, intermediate and expert. The simulator’s simple design makes it very practical, whether using the validated tasks or a model of your choice.

Further development using motion tracking of instruments within the PLS simulator may allow real time analysis of movement, and further improve the educational benefit.

INANIMATE NEONATAL MODELS

For Training Esophageal Atresia / Tracheoesophageal Fistula Rear (EA/TEF), Duodenal Atresia (DA) and Hepatico yeyunostomy (HY)

The Pediatric Laparoscopic Surgery (PLS) simulator has been developed over several years, the emphasis being on tasks proven to benefit in the performance of Minimal Access Surgery (MAS) and for which construct validity (the ability to differentiate between novices, intermediates and experts) has been established.

The model is a box trainer tailored to represent the size constraints (limited domain) faced by a pediatric surgeon. Performance with regard to time for completion and precision on individual tasks, as well as total score, allow one to discriminate between novice, intermediate and expert. The simulator’s simple design makes it very practical, whether using the validated tasks or a model of your choice.

Further development using motion tracking of instruments within the PLS simulator may allow real time analysis of movement, and further improve the educational benefit.

Models Features:

• Anatomically validated
• Low cost
• Reproducible
• Portable
• In constant development and improvement

Background:

IRCAD/BRAZIL Course ADVANCED COURSE IN PEDIATRIC SURGERY “LAPAROSCOPY IN NEONATES” December 2013
Innovations Corner

BASIC AND SUTURING INANIMATE MODELS

We have developed models for basic training, precision, coordination. Appropriate to the endoscopic suturing and instrumental dimensions used in Pediatric Surgery. Provides volume of work area between 150 – 450 ml.

These models are used in training within the curriculum of medical residents, as well as in basic and advanced suturing training courses.

Background:

MAGNET ASSIST LAP TRAINER

Magnet-Assisted laparoscopy is a novel surgical technique that requires additional training. In order to train surgeons with this technique, we have designed a model that simulates the outer and inner environment during magnet-assisted laparoscopy. With the aid of a local pediatric orthopedist, we built the core of the trainer with propylene (45 cm long x 28 cm wide x 18 cm thick). At the outer surface, we covered the center portion of the trainer with a 4-mm thick neoprene fabric (40 cm vertical axis x 50 cm wide) attached with Velcro. This system creates a hinge mechanism that allows for practical removal of surgical tools and simulated organs. So far, we have custommade several organs with foam rubber including liver-gallbladder (cystic duct and artery), uterus and most recently colon and appendix.

During manufacture, we have taken into account several key factors:

1. To develop a trainer with optimal ergonomics.
2. To use simulated organs with similar appearance and consistency as the human tissue.
3. To use low cost of materials.
4. The model should require straightforward transportation.
5. The trainer should have smooth surfaces that enable optimal sliding of the magnetic instruments in the outer surface as well in the inside.
**Innovations Corner**

**PEDIATRIC URETERAL REIMPLANTATION LAP TRIANER**

**Simulation model for the training in pediatric laparoscopic ureteral reimplantation**

Inanimate models provide a safe environment by increasing technical performance and cognitive knowledge of surgical procedures without compromising patient’s safety. This is the main reason for their rising popularity amongst pediatric surgeons.

We have designed the first Laparoscopic Simulator for Pediatric Ureteral Reimplantation (LAP SPUR) using the Lich-Gregoire technique. LAP SPUR was tested by 3 highly trained pediatric urologists, using 3-mm, 20-cm short instruments. Low cost reusable materials (RM) and Disposable Materials (DM) “off the shelf” were employed to manufacture LAP SPUR.

- **RM:** A rectangular plastic bowl (25 x 17 cm) and a neoprene cloth (26 x 36 cm).
- **DM:** A water balloon, a K-30 plastic nasogastric tube, a 3-way valve, a 60 ml syringe, a rectangle of foam (17 x 23 x 0.4 cm), 2 long white balls (28 x 0.5 cm), 2 threads of fine white lace, a IOBANTM drape and 1 m of Velcro strap.

In all cases the simulator provided:

1. Usefulness, ease and ergonomics to perform the laparoscopic procedure
2. Similarity to the real anatomic structures involved in terms of appearance and consistency
3. Low cost of the materials: $ 10.92 (RM: $ 8.03 and DM: $ 2.89) in total
4. Low weight (200 grams) for straightforward transportation

Further development and validation are still needed to assess its true benefits though.

**HYBRID SIMULATION MODEL FOR LAPAROSCOPIC DUODENAL ATRESIA REPAIR**

The model is a hybrid of a 3D printed structural surround completed with abdominal tissue blocks that are consistent with Type III duodenal atresia. The model is sized to represent a 3.4 Kg infant. This real-tissue model is realistic and relevant to pediatric surgical learners’ needs for achieving and maintaining skills for laparoscopic approaches to duodenal pathology in newborn infants.

**HYBRID SIMULATION MODEL FOR THORACOSCOPIC LOBECTOMY**

The model is a hybrid of a 3D printed structural surround completed with real thoracic tissue blocks that are anatomically correct for pulmonary lobectomy. The model is sized to represent a 3-month old infant. This real-tissue model is highly realistic and relevant to pediatric surgical learners’ needs for achieving and maintaining skills for thoracoscopic lobectomy for congenital anomalies.
Innovations Corner

HYBRID SIMULATION MODEL FOR THORACOSCOPIC REPAIR OF CONGENITAL DIAPHRAGMATIC HERNIA

The model is a hybrid of a 3D printed structural surround completed with real diaphragm and intestinal tissues, replicating a left-sided Bokdalek diaphragmatic hernia. The model is sized to represent a 3.4 Kg infant. This real-tissue model is highly realistic and relevant to pediatric surgical learners’ needs for achieving and maintaining skills for thoracoscopic primary and patch repair of a variety of different sized diaphragmatic hernias.

RIGID BRONCHOSCOPY MODEL FOR AIRWAY FOREIGN BODY RETRIEVAL

The model is created by attaching a 3D printed, anatomically correct tracheobronchial tree to an infant intubation simulator, and is used to simulate rigid bronchoscopy + retrieval of a variety of aspirated foreign bodies. The airway replicates an 18-month old infant airway, and the model is designed for use with rigid bronchoscopy equipment and various retrieval baskets and instruments. The model has been evaluated and is

HYBRID SIMULATION MODEL FOR THORACOSCOPIC ESOPHAGEAL ATRESIA + TRACHEOESOPHAGEAL FISTULA REPAIR

The model is a hybrid of a 3D printed structural surround completed with real thoracic tissue blocks, replicating all variants of esophageal atresia and/or tracheoesophageal fistulae. The model is sized to represent a 3.4 Kg infant. This real-tissue model is highly realistic and relevant to pediatric surgical learners’ needs for achieving and maintaining skills for thoracoscopic esophageal atresia repair.

LAPAROSCOPIC COMMON BILE DUCT EXPLORATION SIMULATION MODEL

The simulator is a fully synthetic model of a 3D printed biliary system that is housed within a standard laparoscopy trainer. The model includes picture-in-picture from a flexible video choledochoscope, along with real-time fluoroscopic images controlled by a standard foot pedal. Participants are expected to retrieve one or more 6-mm multifaceted beads from the common bile duct. The simulator has been evaluated and is realistic and relevant.
Complete Schedule

PRE-MEETING COURSE

**Tuesday, May 24**

2:00 pm – 6:00 pm  **HANDS-ON LAB: High Fidelity Neonatal Course for the Advanced Learner**  (NON CME)
CHAIR: Philipp O. Szavay, MD  
CO-CHAIRS: Satoshi Ieiri, MD & Kathy Barsness, MD

DESCRIPTION: This course is designed for advanced MIS pediatric surgeons who are about to begin, or have already begun, to introduce laparoscopic duodenal atresia repair, thoracoscopic diaphragmatic hernia repair (with and without a patch), thoracoscopic TEF repair, and/or thoracoscopic lobectomy. All participants must provide a Departmental Chief’s letter documenting expertise in basic MIS procedures, to be eligible to attend this course. Performance metrics will be assessed at the completion of the course.

OBJECTIVES
At the conclusion of this session, participants will be able to:
• Choose appropriate instruments for neonatal laparoscopy and thoracoscopy.
• Demonstrate improved instrument handling and knot tying skills within the confines of a newborn chest or abdomen.
• Demonstrate and describe port placement for common neonatal procedures.

FACULTY:
• Philipp Szavay, MD; Katherine Barsness, MD; Matthew Clifton, MD; Samir Pandya, MD; Charles Leys, MD; Jose Prince, MD; Drew Rideout; Satoshi Ieiri, MD; Joel Cazares, MD; Karen Diefenbach, MD; David J. Juang, MD; Stefan Scholz, MD; Brad Segura, MD

**Wednesday, May 25**

8:00 am – 11:30 am  **HANDS-ON LAB: Innovations in Simulation Based Education for Pediatric Surgeons**  (NON CME)
CHAIR: Philipp O. Szavay, MD  
CO-CHAIRS: Karen Diefenbach, MD & Maximiliano Maricic, MD

DESCRIPTION: To practice MIS skills and learn new ones in established simulators for a variety of standardized pediatric surgical procedures. Simulation-based instruction will include advanced surgical techniques for TEF, duodenal atresia, diaphragmatic hernia, hepaticojejunostomy, pyloromyotomy, single incision surgical techniques, gastrostomy, technical skills models, and many more innovative models. Participants of all levels of MIS skill are encouraged to attend the course.

OBJECTIVES
At the conclusion of this session, participants will be able to:
• Choose appropriate instruments for neonatal laparoscopy and thoracoscopy.
• Demonstrate improved instrument handling and knot tying skills within the confines of a newborn chest or abdomen.
• Demonstrate and describe port placement for common neonatal procedures.

FACULTY
• TEF: Paula Flores, MD; Hossein Allal, MD & Holger Till, MD
• CDH: Joachim Kubler, MD & Charles Leys, MD
• Duodenal atresia: Katherine Barsness, MD & Mathijs Oomen, MD
• Cholecystectomy: Maria Marcela Bailez, MD & Martin L. Metzelder, MD
• Hepaticojejunostomy: Maria Marcela Bailez, MD & Matthew Clifton, MD
• PLS: Georges Azzie, MD & Justin Gerstle, MD
• Magnet model: Carolina Millan, MD
• Pectus model: Marcelo Martinez, MD
• Gastric Banding: Samir Pandya, MD
• Single Site: Todd Ponsky, MD, Go Miyano, MD & Oliver J. Muensterer
• Neonatal Simulator: Milissa McKee, MD
• Intestinal Simulator: Jose Prince, MD
• Gastrostomy Model: Tobias Luithle, MD & Reza Vahdad, MD
• Robot: John Meehan, MD & Timothy Kane, MD
• Hernia Models: Simon Carke, MD & Atul Sabharwal, MD
INTERACTIVE POSTGRADUATE SESSION: “The Experts Want to Talk to You”
CHAIR: Atsuyuki Yamataka, MD
CO-CHAIRS: Pablo Laje, MD & Kenneth Wong, MD

DESCRIPTION: Participating experts will describe their work and experience and also difficulties and problems in relation to routine surgery and complicated cases. Topics covered will probably deal mainly with general pediatric surgery and pediatric urology. We would expect the audience for this session to be experienced enough to gain from talking directly with an expert about correct technique or how to deal with problems.

OBJECTIVES
• Achieve confidence to apply skills learned from the experts in advanced MIS procedures.
• Gain expert advice on how to perform advanced MIS procedures.
• Improve knowledge on clinical care of patients requiring advanced MIS procedures.

3:00 pm   Lung Lobectomies – Stephen Rothenberg, MD
3:30 pm   Achalasia – Carroll Harmon, MD
4:00 pm   Laparoscopic Inguinal Hernia – Todd Ponsky, MD
4:30 pm   PUJ & VUR – CK Yeung, MD
5:00 pm   Choledochal Cyst – Atsuyuki Yamataka, MD & Long Li, MD
5:30 pm   Esophageal Atresia – Mark Wulkan, MD
6:00 pm   Pectus Deformities – Marcelo Martinez Ferro, MD

7:00 pm – 10:00 pm  Welcome Reception in conjunction with JSPS & AAPS  [NON-CME]

IPEG provides Course Endorsement!
If interested please contact
IPEG Office: admin@ipeg.org
Apply at: www.ipeg.org/course-endorsement-institutional-application/
Thursday, May 26

7:30 am – 8:20 am  **SCIENTIFIC SESSION: Video I – Cool Tricks and Extraordinary Procedures**  
MODERATORS: Paula Flores, MD & Charles M. Leys, MD

8:20 am – 8:25 am  **IPEG Welcome Address**  
Maria Marcela Bailez, MD, 2016 President

8:25 am – 8:30 am  **Local Welcome Address**  
Tomoaki Taguchi, MD, PhD, FACS, Local Organizing Chair

8:30 am – 9:30 am  **SCIENTIFIC SESSION: Gastrointestinal**  
MODERATORS: Manuel Lopez, MD & Matthijs W. N. Oomen, MD

9:30 am – 10:05 am  **PRESIDENTIAL ADDRESS & LECTURE: Children Are Citizens of the World. They Deserve the Best MIS Wherever They Are.**  
Maria Marcela Bailez, MD, 2016 President  
INTRODUCTION: Jacqueline Narváez, IPEG Executive Director

DESCRIPTION: The IPEG president will discuss how international societies can influence and expand the access to advanced MIS to children around the world. This session is appropriate for all pediatric surgeons.

OBJECTIVES

• Recognize the worldwide need for support for pediatric MIS.
• Identify areas of the world where mentors are needed.
• Articulate the barriers to developing standards for advanced pediatric MIS worldwide.

Dr. Bailez is the actual Head of the Surgical Department of Garrahan’s Children’s Hospital (University of Buenos Aires Argentina). She also serves as an Assistant Professor in the division of Pediatric Surgery at the same hospital starting in 1988. She is the Director of the Pediatric Minimally Invasive Surgery (MIS) Training Courses organized by the School of Medicine of the Northeast National University in Argentina and Associate Director of the Pediatric Courses in IRCAD Brazil. She has started an MIS simulation center in her department and is the director of the basic, advanced and neonatal courses done every month.

Dr. Bailez received her medical degree at the University of Buenos Aires. She completed her fellowship in Pediatric Surgery at The Gutierrez Children’s Hospital of Buenos Aires. She spent a year as a research fellow at The Johns Hopkins School of Medicine.

Dr. Bailez is the current president of IPEG International Pediatric Endosurgery Group and was the program chair of 2010 IPEG meeting in Hawaii and co chair in 2011 Prague. She was the vice-president of the International Society of Intersex (ISHID). She serves on the editorial board of 3 major surgical journals and is the author of 210 abstracts/publications and 9 book chapters. She has made more than 200 presentations, conferences and live surgery demonstrations around the world on pediatric surgical topics and was the winner of the Websurg Award in 2007.

Dr. Bailez lives in Buenos Aires with her husband Fernando and has 3 children: Manuel 29 years old who is a tourist administrator and a professional golf manager, Clara, 26 years old and is a neurosurgical resident and Victoria, 15 years old who is at high school and studies dancing and acting. They all share a passion for nature specially climbing mountains and skiing.

10:05 am – 10:30 am  **Break**
10:30 am – 12:00 pm  
**JOINT EXPERT PANEL: Minimally Invasive Surgery Kasai Revisited**  
**CHAIR:** Atsuyuki Yamataka, MD  
**CO-CHAIRS:** Tomoaki Taguchi (AAPS) & Pablo Laje, MD (IPEG)  

**DESCRIPTION:** Innovative techniques developed by Professor Kasai for his original portoenterostomy in the late 1950s have been readopted for laparoscopic use. His original portoenterostomy was generally successful but was modified extensively and when first attempted laparoscopically was abandoned because of technical complexity and poor outcomes in 2007. This session will interest pediatric surgeons and hepatobiliary surgeons.  

**OBJECTIVES**  
- Distinguish differences between the original open Kasai, extended Kasai, and laparoscopic Kasai.  
- Identify the keypoints for an effective laparoscopic Kasai.  
- Understand the results data for jaundice clearance and survival with the native liver.

10:30 am  Open Kasai and re-do Kasai – Masaki Nio, MD  
11:00 am  Lap Kasai – going back to open – Kenneth Wong, MD  
11:30 am  Lap Kasai – staying laparoscopic – Atsuyuki Yamataka, MD  
11:50 am  Lap Re-do Kasai – Hiroo Uchida, MD

12:00 pm – 12:30 pm  
**Lunch**

12:30 pm – 1:30 pm  
**Future Innovators 1**  
**MODERATORS:** Oliver J. Muensterer, MD & Atul J. Sabharwal, MD

1:30 pm – 2:30 pm  
**SCIENTIFIC SESSION: Robotics and Single Site Surgery**  
**MODERATORS:** John J. Meehan, MD & Saleem Islam, MD

2:30 pm – 3:15 pm  
**SCIENTIFIC SESSION: Basic Science and Simulation**  
**MODERATORS:** Karen A. Diefenbach, MD & Timothy Kane, MD

3:15 pm – 3:30 pm  
**Break**

3:30 pm – 5:00 pm  
**EXPERT PANEL: Minimally Invasive Surgery in Anorectal Malformations**  
**CHAIR:** Maria Marcela Bailez, MD  
**CO-CHAIR:** Giovanna Riccipetitoni, MD

**DESCRIPTION:** The use of MIS in ARM was first reported in 2000. Since that initial report, several authors have published on its feasibility with very few studies addressing long term results. Classic colorectal surgeons have criticized these reports and controversy has developed regarding accurate classification of anomalies and appropriate comparison of functional results as well as reports of new complications related to the approach such as posterior urethral diverticula.

This session is designed to present evidence and stimulate discussion on: the role of MIS in the treatment of ARM, achieving consensus regarding preoperative evaluation and ARM classification, tricks to prevent complications, and its use in complex ARM like cloacas or unusual anomalies on the ARM spectrum. Pediatric surgeons who manage patients with ARM should attend.

**OBJECTIVES**  
- List uses of MIS for surgical management of ARM.  
- Define strategies to minimize complications of MIS in management of ARM.  
- List preoperative studies that may be useful in planning MIS operations for ARM.

3:30 pm  Preoperative imaging evaluation to prepare for surgery – Dynamic 3D imaging in Anorectal Malformations – 3D printing in Anorectal Malformations – Richard Wood, MD  
3:50 pm  Why is MIS treatment of ARM criticized? The particular role of MIS in females with ARM/cloacas; unusual spectrums and vaginal fistulas – Maria Marcela Bailez, MD  
4:05 pm  MIS technical details to prevent complications – Atsuyuki Yamataka, MD  
4:20 pm  Modified Laparoscopic Approaches in Management of Anorectal Malformations – Thanh Liem Nguyen, MD  
4:30 pm  Experience in training MIS and open correction of ARM with a unique visualization system – Philip K. Frykman, MD  
4:50 pm  Q&A – All

**KEYNOTE LECTURE: “We Can All Be Innovators”**

**SPEAKER:** Steven Schwaitzberg, MD  
**INTRODUCTION:** Maria Marcela Bailez, MD, 2016 President

**DESCRIPTION:** Dr. Schwaitzberg will discuss concepts that will allow attendees to see the world as an opportunity to innovate and educate attendees on the ways they can seek to become innovators in their daily lives.

**OBJECTIVES**
- Identify opportunities to recognize problems that can be acted on and improved.
- Develop tools that will facilitate innovation.
- Create opportunities for collaborative innovation.

Steven D. Schwaitzberg, MD FACS is the Professor and Chairman of the Department of Surgery at the University at Buffalo. Formally he was the Chief of Surgery of the Cambridge Heath Alliance and Professor of Surgery at Harvard Medical School. He is a graduate of the Johns Hopkins University, Baylor College of Medicine, and Baylor General Surgery Residency as well as fellowships in Infectious Diseases and Pediatric Trauma. He is the Multimedia Editor for Surgical Endoscopy and is on the editorial boards of several other surgical journals. Dr. Schwaitzberg is the recipient of several awards for patient care and a Computerworld Laureate award for introducing surgical video editing into post graduate education. He hold 2 patents and has written more than 120 articles, 12 books chapters and is currently editing 2 books. His funded research interests are in Minimally Invasive Surgery (MIS) with a particular focus on the value proposition of current and emerging surgical technology which includes training/simulation, surgical infection and outcomes. Recent publications include examining the intersection of cost and quality which examines the role of surgery in the emerging era of payment reform, Dr Schwaitzberg is a past president of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) and currently serves as a Governor to the American College of Surgeons. He is interested in forging alliances between groups of physician, surgeons, and nurses across many disciplines as well as industry to work cooperatively and transparently to build new educational programs and responsibly introduce new technologies. The roles of developed and developing countries working to together to promote surgical safety, education and training remains a challenge he hopes to impact through the combined use of imagination, diplomacy and technology.

**Innovations Session**

**MODERATORS:** Steven Rothenberg, MD & Katherine Barsness, MD

**Friday, May 27**

**7:30 am – 8:30 am**  
**SCIENTIFIC VIDEO SESSION II**  
**MODERATORS:** Carolina Millan, MD & Dan Ostlie, MD

**8:30 am – 9:30 am**  
**SCIENTIFIC SESSION: Colorectal & Hepatobiliary Minimally Invasive Surgery**  
**MODERATORS:** Go Miyano, MD & Munther J. Haddad, MD

**9:30 am – 10:00 am**  
**Break**

**10:00 am – 11:30 am**  
**SCIENTIFIC SESSION: Thoracic Minimally Invasive Surgery**  
**MODERATORS:** Pablo Laje, MD & Thanh Liem Nguyen, MD

**11:30 am – 12:30 pm**  
**Future Innovators 2**  
**MODERATORS:** Miguel Guelfand, MD & Joel Cazares, MD

**12:30 pm – 1:00 pm**  
**Lunch**
1:00 pm – 1:30 pm  
**KARL STORZ LECTURE: “Virtual and Augmented Reality in MIS”**  
**SPEAKER:** Luc Soler, PhD  
**INTRODUCTION:** Maria Marcela Bailez, MD, 2016 President  
**DESCRIPTION:** The keynote lecture on augmented reality and computer assisted surgery is designed to present the current and future state of this field to all pediatric surgeons interested in MIS.  
**OBJECTIVES**  
- Identify components of the new hybrid operating room.  
- Recognize challenges related to preoperative patient simulation.  
- Articulate current limitations of robotic surgery.

Luc Soler was born on October the 6th, 1969. In 1994, he was valedictorian for the magister at the Higher Education Computer Science School of the Paris University. He obtained his PhD degree in computer sciences in 1998. Since 1999, he is research project manager in computer sciences and robotics at the Research Institute against Digestive Cancer (IRCAD, Strasbourg). In October 2000, he joined the surgical team of Professor Marescaux as invited professor at the Medical Faculty of Strasbourg.

His main areas of interest are medical image processing, 3D modelling, virtual and augmented reality, surgical robotics and abdominal anatomy. His works have been nationally and internationally awarded: Computer World Smithsonian Award (1999), First World Summit Award in Health (2003), Health Award from “le monde Informatique” (2006), MICCAI Award (2008), MICCAI Best Biomedical Visualization Award (2009), Numeric’Alsace (2014), Alsace innovation (2014).

1:30 pm – 3:00 pm  
**EXPERT PANEL: Education in Minimally Invasive Surgery**  
**“Your Pediatric Surgery Fellow is counting on you”**  
**CHAIR:** Celeste Hollands, MD  
**CO-CHAIR:** Georges Azzie, MD  
**DESCRIPTION:** This session is designed for all pediatric surgeons. The training pathways for pediatric surgeons around the world, including training in minimally invasive surgery will be compared and contrasted. Formal certification in minimally invasive surgery will be discussed including how to standardize this process.  
**OBJECTIVES**  
- Describe different training pathways for pediatric surgeons around the world.  
- Describe several types of MIS certification.  
- Describe how evidence and needs assessments can be used to develop rigorous education programs.

1:30 pm  
Ped Surgery Training in South America – Maria Marcela Bailez, MD  
1:45 pm  
Ped Surgery Training in Asia/Australia – Satoshi Ieiri, MD  
2:00 pm  
Ped Surgery Training in North America and Europe – Oliver Muensterer, MD  
2:15 pm  
Pediatric FLS and Other Forms of Certification – Georges Azzie, MD  
2:30 pm  
Applying CME and Evidence Based Principles to Training – Celeste Hollands, MD  
2:45 pm  
Q&A – Panel Discussion

3:00 pm – 4:00 pm  
**SCIENTIFIC SESSION: Urology Minimally Invasive Surgery**  
**MODERATORS:** CK Yeung, MD

4:00 pm – 5:00 pm  
**SCIENTIFIC SESSION: Colorectal & Hepatobiliary Minimally Invasive Surgery II**  
**MODERATORS:** Melissa A. McKee, MD & Holger Till, MD

8:00 pm – Midnight  
**Friday Night Main Event & Dance Off!**
Complete Schedule

Saturday, May 28

8:00 am – 9:30 am  **SCIENTIFIC SESSION: Miscellaneous**  
MODERATORS: Aayed R. Al-Qahtani, MD & Martin L. Metzelder, MD

9:30 am – 10:25 am  **General Assembly**  
COMMITTEE UPDATES:
- CME
- Program
- Development
- Research
- Education
- Information Technology
- JLAST Pediatric Editorial Board
- Membership
- Latin American Chapter
- Middle East Chapter
- President – Presentation of IPEG’s 2017 President

10:25 am – 10:35 am  **IPEG Awards**  
- Coolest Tricks
- Basic Science/Innovation
- Research

10:35 am – 11:05 am  **EVIDENCE BASED SURGERY: MIS Inguinal Hernia Repair**  
CHAIR: Simon Clarke  
PRESENTERS: Dafydd Davies & Drew Rideout

DESCRIPTION: This session aims to present the evidence that has accumulated over the past decade regarding minimal access surgery for paediatric inguinal hernia. Several controversies exist surrounding this topic such as: variation in technique outcomes such as recurrence. These controversies will be discussed and levels of evidence presented. This session is relevant for all levels of clinicians carrying out surgery for inguinal hernia in children

OBJECTIVES
- Identify levels of evidence for MIS inguinal hernia repair in children.
- Articulate the current best evidence based practice for MIS inguinal hernia repair.
- Describe the evidence on risks, benefits and alternatives on MIS inguinal hernia repair as relates to informed consent.

11:05 am – 12:05 pm  **VIDEO SESSION WITH EXPERT PANEL DISCUSSION: “My Worst Nightmare” – The Management of Unexpected Complications and Strategies for Future Avoidance**  
CHAIRS: Tadashi Iwanaka, MD, PhD & David Van der Zee, MD

DESCRIPTION: This session consists of video presentations of complications encountered in advanced MIS and a discussion of how the presenters managed them. Experienced MIS surgeons from different institutions around the world are asked to discuss their experiences and approach to these complications. This session is appropriate for pediatric surgeons who perform MIS

OBJECTIVES
- Plan strategies to manage complications encountered during advanced pediatric MIS.
- Recognize situations where complications may occur in advanced pediatric MIS.
- Employ techniques to manage complications encountered during advanced pediatric MIS.

12:05 pm  **Closing Remarks**  
SPEAKER: Maria Marcela Bailez, MD
New Membership

Zainab Nasser Al Balushi, MD – Oman
Ahmad Abdul Al Faqeh, MD – Saudi Arabia
Jamal M. Al Hudhaif, MD – Saudi Arabia
Mohammed F. Al Rajhi, MD – Saudi Arabia
Mohammad Shayeh Al-onazi, MD, PhD – Saudi Arabia
Ahmed Hassan Alawi, MD – Saudi Arabia
Abbas Abdulzahrah Alhasani, MD – Iraq
Adel Ali Aljneibi, MD – United Arab Emirates
Najeh Yousef Alomari, MD – Jordan
Raquel Quintanilla Amoros, MD – Peru
J. Harry Suarez Anco, MD – Peru
Abraham Chams Anturi, MD – Colombia
Aberto Romel Arroyo Romero, MD – Peru
Juan Jose Aguilar Astudillo, MD – Ecuador
Paul Esteban Astudillo Neira, MD – Ecuador
Osama Abdullah Bawazir, MD – Saudi Arabia
Elizabeth A Bowdish, MD – United States
Carlos Alberto Canto, MD – Argentina
Rodrigo Casals, MD – Chile
Juan Ramos Cepea Garcia, MD – Mexico
Guillermo Ciro, MD – Argentina
Brian Arrinza Coakley, MD – Canada
Gonzalo Larrabure Cockburn, MD – Peru
Guillermo Concha Grossi, MD – Chile
Nabil Mostafa Dessouky, MD, Prof – Egypt
Juan Carlos Duenas Ramirez, MD – Colombia
Hesham Mohamed El Saket, MD – Egypt
Amin Elghory, MD – United Arab Emirates
Mohamed Elsaid Elzohiri, MD – Egypt
Saleh Ali Eshtewi, MD – Libya
Maria Noiana Etchepareborda, MD – Argentina
Israel Fernandez-pineda, MD – United States
Rajan Garg, MBBS; M Ch – India
Patricia Garrido, MD – Argentina
Jorge Godoy Lenz, MD – Chile
Pablo Fernando Guaman Ludena, MD – Ecuador
Rocio Soledad Gutierrez, MD – Argentina
Emilia Veronica Gutierrez, MD – Argentina
Akinari Hinoki, MD, PhD – Japan
Armando Manuel Hornos, MD – Argentina
Sebastián Illa, MD – Argentina
Magid Mohammed Ismail, Prof – Egypt
Claudia Lorena Jauregui, MD – Bolivia
Tomo Kakahara, MD – Japan
Juan Miguel Kenny Levrero, MD – Uruguay
Mohammed Rabie Khattab, MD – Egypt
Jonathan E. Kohler MD – United States
Gonzalo Lambert, MD – Argentina
Maria Paula Losada Rey, MD – Argentina
Jorge Luis Martinez, MD – Argentina
Takayuki Masuko, MD, PhD – Japan
Pedro Nell Millano Henao, MD – Colombia
Leonardo Fabio Gil Montoya, MD – Colombia
Motoi Mukai, PhD – Japan
Basil Tariq Najmi, MD – Saudi Arabia
Luis Enrique Ninamango Diaz, MD – Argentina
Nathan Michael Novotny, MD – United States
Mauricio Copete Ortiz, MD – Colombia
Fabricio Nestor Perez Lau, MD – Argentina
Susana Perez Slanac, MD – Argentina
Santiago Pineiro, MD – Uruguay
Maria Consuelo Puentes Rivera, MD – Chile
Enaan H Raboe, MD – Saudi Arabia
Alvaro Rodriguez, MD – Ecuador
Syed Salahuddin, MD – Saudi Arabia
Rafik Youssef Shalaby, MD – Egypt
Sameh M Shehata, MD – Egypt
Ryo Shirotsuki, MD, PhD – Japan
Elisangela de Mattos Silva, MD – Brazil
Ryo Sueyoshi, MD, PhD – Japan
Javier Sergio Veltzzi, MD – Argentina
Takahisa Tainaka, MD, PhD – Japan
Yoshiaki Takahashi, MD – Japan
Luzia Toselli, MD – Argentina
Marco Andres Valenzuela Aguilera, MD – Chile
Garcia Vaquilla, MD – Argentina
Pedro Jose Villamizar Beltran, MD – Colombia
Richard John Wood, MD – United States
Kazuaki Yokota, MD – Japan
Jorge J. Zequeira, MD – United States
LTRF Donors

$1,100
Maria Marcela Bailez, MD & Family

$500–$1,000
Todd A. Ponsky, MD

$100–$299
Simon Clarke, MD
Tadashi Iwanaka, MD

$25–$99
Andrea Butter, MD
Sjoerd de Beer, MD
Thomas Krebs, MD
Hiroo Uchida, MD
Vincent Adolph, MD
Soo Min Ahn, MD
Hashim Alghamdi, MD
Joel Cazares, MD
Heidi P. Cox, MD
James DeCou, MD
Wojciech Gorecki, MD
Evan R. Koskosa, MD
Charles M. Leys, MD
Carolina A. Millan, MD
Ivan Molina, MD
Sadasivam Muthurajan, MD
Jan Rutqvist, MD
Ravindra Vegunta, MD
Matthijs W.N. Oomen, MD
Abderrahman Sadok El Kadhi, MD

$300–$499
Simon Clarke, MD
Tadashi Iwanaka, MD

$250–$499
Todd A. Ponsky, MD

$100–$299
Munther Haddad, MD
Go Miyano, MD
Colin Lazarus, MD
Kevin P. Moriarty, MD
Samir Pandya, MD
Carlos Garcia Hernandez, MD
Celeste Hollands, MD
Atsuuyuki Yamataka, MD
David van der Zee, MD
Saad Abul MD
Yoon–Jung Boo, MD
Justin R. De Jong, MD
Pablo Laje, MD
Gustavo Stringel, MD
Philipp O. Szavay, MD
Jeffrey Zitsman, MD

SOCIAL PROGRAMS

Welcome Reception in conjunction with JSPS & AAPS
Wednesday, May 25, 2016 7:00 pm – 9:00 pm

Friday Night Main Event & Dance Off
Friday, May 27, 2016 8:00 pm – Midnight
A GREAT FALL FOR IPEG: MUSINGS OF A PAST PRESIDENT

The last few months of 2015 were an exciting time and a period of record breaking expansion for IPEG. Under the strong leadership, drive, and determination of our current president Dr. Maria Marcela Bailez, IPEG is expanding its influence and reach around the globe as never before. Understanding that IPEG must reach out to pediatric surgeons all over the world to provide education and support, and that most pediatric surgeons cannot travel to our annual congress every year, IPEG is ramping up its effort to engage membership and bring needed resources to all corners of the globe.

In October, Dr. Bailez held a South American MIS Symposium and Hands On Course sponsored and endorsed by IPEG, in Buenos Aires which attracted over 200 pediatric surgeons. There were extensive hands on workshops (aided by Dr. Katherine Barsness and Holger Till), a great 2 day didactic meeting (with Dr. David van der Zee, Holger Till, Katherine Barsness, Stephen Rothenberg, and Satoshi Ieiri), and this resulted in over 80 new members joining. There were also extensive discussions with the Mexican Society of Pediatric Surgeons, with plans set for a strong IPEG presence at the 2017 meeting in Cabo San Lucas. It also set the ground work for the opening of the Latin American chapter of IPEG.

In November the Egyptian Pediatric Surgical Association, lead by Dr. Sameh Shehata, celebrated their 30th Congress in Luxor and IPEG had a strong presence. Dr. Bailez and Rothenberg participated in the historic congress and then held a surgical workshop in Cairo. History was also made with the inauguration of the Middle East Chapter of IPEG, a project brought to life by Dr. Aayed Al Qahtani. I attended the initial board meeting and the excitement was palpable. Dr. Munther Hadad, a longtime IPEG leader, was named the first honorary president of the chapter. Many new members joined during and after the congress with extensive plans on how to integrate the new chapter over the coming year.

Shortly after, in London, BAPES (The British Association of Paediatric Endoscopic Surgeons) held their 15th Scientific Meeting and Hands on Workshop, with IPEG endorsement. Under the direction of Mr. Ashish Desai, Organising Chairman and Mr. Niyi Ade-Ajayi, Course Director, a great course was put on and many IPEG/BAPES members were intimately involved. I was able to address the annual BAPES congress, as well as speak to the combined meeting of BAPES/BAPS/ APA on “MIS in Neonates, How Small Can We Go”. A great deal of excitement was generated for the combined IPEG/BAPS/ BAPES congress to be held in London in 2017. Dr. Philippe Montupet, the President of ESPES, also attended and plans were laid for future collaboration between the 2 groups in the coming years.

At this meeting I was exposed eoSurgical, a company making laparoscopic simulators for surgical residents. The roots of this company go back to the IPEG 2010 Coolest Tricks Awarded to Roland Partridge, one of the founders of the company, who created his own “home trainer” using a camcorder and laptop computer. This shows that our support of junior surgeons and innovation are impacting surgery all over the globe.

This is a great time for IPEG with many irons in the fire and unprecedented growth. I have not seen this much energy and expansion since 2000 when IPEG adopted a new constitution and expanded from 80 to over 250 members. All IPEG members should be energized and take part in our renewed global presence where there are huge opportunities for pediatric MIS surgeons all over the world.

Thanks to all who have worked so hard over the last year to bring these events to fruition!

– Steven Rothenberg, MD (Past President 2000)
Accommodations

HOTEL RESERVATION

Hilton Fukuoka Seahawk
810-8650, Fukuoka-shi, 2-2-3 Jigyouhama, Chuo-Ku, Japan
T: +81-92-844 8111 ■ F: +81-92-844 7887

Located across from Seahawk Stadium!

Please book your rooms within the IPEG hotel block:

Twin/double Guestroom: JPY 20,000++ (Approx US$161.98*)

A 10% service charge and 8% tax will be added to the guest room rate. This fee will cover several in-room amenities which at the time of check-in will include:

BUFFET BREAKFAST
Wired and wireless high-speed internet access in guest rooms
Fitness Center access

Hotel & Cancellations

Any changes or cancellations are available through the online reservation page. You may be subject to cancellation fees. Check your hotel confirmation letter for individual hotel policy.

Terms & Conditions

- The special IPEG rates are on first-come–first served basis and we highly recommend you to make your reservation by Friday, March 25, 2016 or earlier.
- The hotel reserves the right to cancel or modify reservations where it appears that a customer has engaged in fraudulent or inappropriate activity or under other circumstances where it appears that the reservations contain or resulted from a mistake or error. Please read carefully the individual hotel’s policy publish on its website.

How To Get Here

FROM THE AIRPORT
Distance from Hotel: 11 km ■ Drive Time: 20 min.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>APPROXIMATE MINIMUM CHARGE</th>
</tr>
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<tbody>
<tr>
<td>Bus Service</td>
<td>JPY 420 (Approx. US$3.40*)</td>
</tr>
<tr>
<td>Subway/Rail</td>
<td>JPY 300 (Approx. US$2.43*)</td>
</tr>
<tr>
<td>Taxi</td>
<td>JPY 4,000 (Approx. US$32.40*)</td>
</tr>
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*Please note that approximate amounts are subject to change

Save the Date!

26th Annual Congress for Endosurgery in Children
JULY 17-22, 2017
Held in conjunction with BAPS at the Hilton London Metropole
London, England

27th Annual Congress for Endosurgery in Children
APRIL 11-14, 2018
Held in conjunction with the SAGES
Seattle, WA, USA
2016 Registration Form

IPEG's 25th Annual Congress for Endosurgery in Children
Held in Conjunction with JSPS, AAPS, and WOFAPS
May 24–28, 2016  ■  Hilton Fukuoka Seahawk  ■  Fukuoka, Japan

PERSONAL CONTACT INFORMATION
☐ MD  ☐ DO  ☐ PHD  ☐ PROF  ☐ OTHER

FIRST GIVEN NAME  FAMILY LAST NAME  TITLE

INSTITUTION

ADDRESS

CITY  STATE  ZIP  COUNTRY

PHONE (including Country code)  FAX  EMAIL

MEMBERSHIP

Membership
☐ I would like to become a new member at the special congressional rate (As a new member you may register at the member rate of US$495)
☐ I am an active member and would like to renew my 2016 membership

1 YEAR  3 YEAR

US$169 (reg. $220)  US$595
US$220  US$595 (reg. $660)

REGISTRATION
All those registered to the IPEG meeting will have access to the Wednesday Opening Ceremony, Thursday–Friday Scientific Sessions, Saturday IPEG sessions, Exhibits and Wednesday Welcome Reception, Joint Congress breaks and lunches, Poster sessions, and Main Event. IPEG Postgraduate lectures and Hands-On Courses will be charged additionally.

STEP 1 (required): Register under the appropriate category

Member Rates:  ■ Surgeon – US$495  ■ Surgeon in Training (SIT) and Allied Health – US$225
Non-Member Rates:  ■ Surgeon – US$595  ■ Surgeon in Training (SIT) and Allied Health – US$325

STEP 2: Register for Postgraduate Lectures and Hands-On Courses Fees – SPACE IS LIMITED!

☐ A. INTERACTIVE POSTGRADUATE SESSION: “The Experts Want to Talk to You”
   Wednesday, May 25, 2016  ■  2:00 pm – 6:00 pm
   HANDBOOK: Innovations in Simulation Based Education for Pediatric Surgeons
   Wednesday, May 25, 2016  ■  8:00 am – 11:30 am
   US$195  US$

☐ B. INTERACTIVE POSTGRADUATE SESSION: “The Experts Want to Talk to You”
   Wednesday, May 25, 2016  ■  2:00 pm – 6:00 pm
   HANDS ON LAB: High Fidelity Neonatal Course for the Advanced Learner
   Tuesday, May 24, 2016  ■  2:00 pm – 6:00 pm
   US$495  US$

☐ C. INTERACTIVE POSTGRADUATE SESSION: “The Experts Want to Talk to You”
   Wednesday, May 25, 2016  ■  2:00 pm – 6:00 pm
   HANDS ON LAB: High Fidelity Neonatal Course for the Advanced Learner
   Tuesday, May 24, 2016  ■  2:00 pm – 6:00 pm
   US$595  US$

☐ D. INTERACTIVE POSTGRADUATE SESSION: “The Experts Want to Talk to You”
   Wednesday, May 25, 2016  ■  2:00 pm – 6:00 pm
   HANDS ON LAB: High Fidelity Neonatal Course for the Advanced Learner
   Tuesday, May 24, 2016  ■  2:00 pm – 6:00 pm
   HANDS ON LAB: Innovations in Simulation Based Education for Pediatric Surgeons
   Wednesday, May 25, 2016  ■  8:00 am – 11:30 am
   US$695  US$
## 2016 Registration Form

**STEP 3: Register Guests (US$150 per ticket; Complimentary for children under 14)**

<table>
<thead>
<tr>
<th>Guest 1 (Full Name):</th>
<th>US$150</th>
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<tbody>
<tr>
<td>Guest 2 (Full Name):</td>
<td>US$150</td>
<td>US$</td>
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*Guest ticket includes opening reception and main event entrance

**STEP 4: RSVP For Social Events (No extra charge)**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Reception</td>
<td>Wednesday, May 25, 2016</td>
<td>7:00 pm – 10:00 pm</td>
</tr>
<tr>
<td>Main Event</td>
<td>Friday, May 27, 2016</td>
<td>8:00 pm – Midnight</td>
</tr>
</tbody>
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**STEP 5: IPEG Contribution**

<table>
<thead>
<tr>
<th>Amount</th>
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<tr>
<td>US$75</td>
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<td>US$150</td>
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<td>US$250</td>
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<td>US$500</td>
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<td>OTHER</td>
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**STEP 6: For JSPS, AAPS, WOFAPS members crossover into IPEG sessions (Thursday only)**

<table>
<thead>
<tr>
<th>Event</th>
<th>US$150</th>
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## PAYMENT INFORMATION

I authorize IPEG to charge the following card number for a total amount of US$ ________________

- [ ] Visa
- [ ] MasterCard
- [ ] Am. Express

**CARD NUMBER**

Exp. Date: ____________ Security Code: ____________ (A 3 or 4 digit number printed on the front or back of the card)

Cardholder’s Full Name: __________________________

Authorized Signature: __________________________

## TERMS & CANCELLATION

Payment in full must accompany registration form. Meeting registration available in advance of the meeting through **Friday, April 30, 2016**. Early Bird registration ends March 25, 2016. After **March 25, 2016**, registration fees will increase by $100. After **April 30, 2016**, attendees must register on-site. Cancellations must be submitted in writing before **April 30, 2016** to receive a refund minus a US$75 administrative fee. No refunds will be granted after April 30, 2016; no-shows at the conference; Post-graduate Course; Hands-on Courses; and unused portion of the meeting.

## MEETING REGISTRATION

There are various ways to register for the 25th Annual Congress for Endosurgery in Children

1. ONLINE at [www.cvent.com/d/lrqh8x](http://www.cvent.com/d/lrqh8x)
2. FAX a completed registration form to +1 310.437.0585
3. SCAN a complete registration form and email it to registration@ipeg.org
4. MAIL a complete registration form to IPEG: 11300 W. Olympic Blvd, Suite 600, Los Angeles, CA 90064, USA Attention: Registrar

If you have any questions, please contact the IPEG Registrar at registration@ipeg.org or call +1 310.437.0553, ext. 128.
IPEG’s 26th Annual Congress for Endosurgery in Children

Held in conjunction with BAPS

July 17–22, 2017
London, England
THE HILTON LONDON METROPOLE

SAVE THE DATE 2017
Abstracts open Winter 2016!