XII IPC
INTERNATIONAL WORKSHOP ON INTERVENTIONAL PEDIATRIC AND ADULT CONGENITAL CARDIOLOGY AND ADVANCED 3D IMAGING FOR INTERVENTION
March, 28th-30th 2019
Crowne Plaza Linate, Milan
March 27th:
Advanced course of AEPC Interventional Cardiology Working Group
3D IMAGING I³
UNDER THE AUSPICES OF

Association for European Paediatric and Congenital Cardiology (AEPC)

Associazione Italiana dei Cardiopatici Congeniti Adulti (AICCA)

Associazione Italiana Tecnici di Radiologia Interventistica (AITRI)

ANCE Cardiologia Italiana del Territorio

Bambini Cardiopatici Nel Mondo

International Society of Adult Congenital Heart Disease (ISACHD)
Meeting endorsed by ISACHD (International Society of Adult Congenital Heart Disease), a global umbrella organization of national/regional ACHD societies/working groups

Società Italiana di Cardiologia (SIC)

Società Italiana di Neonatologia (SIN)

Società Italiana di Cardiologia Pediatrica e delle Cardiopatie Congenite (S.I.C.P)

Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO)

Federazione nazionale Ordini TSRM PSTRP
Welcome Address

Dear Delegate,

it is my pleasure to announce the 12th edition of the IPC Workshop, that will take place in Milan, from 28th to 30th March. The Workshop will be held at Crowne Plaza Linate, near San Donato Hospital. All participants and speakers will be accommodated into the congress venue to facilitate our networking activities. As you already know very well, the aim of the meeting is to give participants an update on the most important and innovative interventional procedures for the treatment of congenital and structural heart disease from fetus to adulthood.

Our Faculty will be represented by well-known and internationally recognized speakers, to guarantee a top level scientific program: lectures, lunch symposia, interactive sessions, satellite transmissions of live cases from well-known centers in Europe and Italy.

For this edition again, we will have a joint meeting with 3D Advanced Imaging, coordinated by Gregor Krings and Aimee Armstrong. An all-time going technical exhibition and a poster session will complete the panorama.

We will work in the usual friendly atmosphere that has always characterized the IPC Workshop: a meeting among long-lasting friends!

Looking forward to receiving you all in Milan, I send my warmest regards

Mario Carminati
President
Al Jufan Mansour  Saudi Arabia
Armstrong Aimee  USA
Benson Lee  Canada
Berman Darren P.  USA
Bokenkamp Regina  The Netherlands
Bonhoeffer Philipp  Italy
Boshoff Derize  Belgium
Breur Hans  The Netherlands
Bruckheimer Elchanan  Israel
Brzezinska Grazyna  Poland
Bussadori Claudio  Italy
Butera Gianfranco  United Kingdom
Cabalka Allison  USA
Carminati Mario  Italy
Çelebi Ahmet  Turkey
Chessa Massimo  Italy
Choi Jae Young  South Korea
Daehnert Ingo  Germany
Dalvi Bharat  India
DeGiovanni Joseph  United Kingdom
Donti Andrea  Italy
Eicken Andreas  Germany
El Saiedi Sonia  Egypt
Ewert Peter  Germany
Fesslova Vlasta  Italy
Festa Pierluigi  Italy
Fraisse Alain  United Kingdom
Frigiola Alessandra  United Kingdom
Gagliardi Maria Giulia  Italy
Garay Francisco  Chile
Giamberti Alessandro  Italy
Goreczny Sebastian  Poland
Gutierrez-Larraya Federico  Spain
Haas Nikolaus  Germany
Hagler Donald J.  USA
Hamza Hala  Egypt
Kenny Damien  Ireland
Kim Gi Beom  South Korea
Kolesnik Adam  Poland
Kreutzer Jacqueline  USA
Krings Gregor J.  The Netherlands
Lloyd David  United Kingdom
Lombardi Massimo  Italy
Ludomirsky Achiau  USA
Marasini Maurizio  Italy
Michel-Behnke Ina  Austria
Micheletti Angelo  Italy
Morgan Gareth J.  USA
Moysich Axel  Germany
Nobles Anthony  Germany
Papa Marco  Italy
Pedra Carlos  Brazil
Peirone Alejandro  Argentina
Pluchinotta Francesca  Italy
Prompham Worakan  Thailand
Quail Michael  United Kingdom
Qureshi Shakeel  United Kingdom
Redaelli Alberto  Italy
Rodriguez Alejandro  Spain
Rossi Raul  Brazil
Ruiz Carlos E.  USA
Russo Maria Giovanna  Italy
Santoro Giuseppe  Italy
Schievano Silvia  United Kingdom
Schmidt Michael R.  Denmark
Schneider Martin  Germany
Schranz Dietmar  Germany
Sharland Gurleen  United Kingdom
Sievert Kolja  Germany
Sivakumaran Kothandam  India
Spadoni Isabella  Italy
Stumper Oliver  United Kingdom
Tin Do Nguyen  Vietnam
Vairo Ugo  Italy
Votta Emiliano  Italy
Walsh Kevin P.  Ireland
Witsenburg Maarten  The Netherlands
Xie Yongquan  China
Zahn Evan  USA
Zunzunegui Jose L.  Spain
SCIENTIFIC COMMITTEE

President
Mario Carminati

IPC Scientific Committee
Gregor Krings (The Netherlands)
Gianfranco Butera (United Kingdom)
Massimo Chessa (Italy)
Francesca Pluchinotta (Italy)

COMMITTEE

Pediatric and Adult Congenital Cardiology Team
Mario Carminati (Italy)
Massimo Chessa (Italy)
Andreea Andronache (Italy)
Carmelo Arcidiacono (Italy)
Domenica Basile (Italy)
Angelo Fabio D’Aiello (Italy)
Alessia Faccini (Italy)
Vlasta Fesslova (Italy)
Luca Giugno (Italy)
Angelo Micheletti (Italy)
Diana Negura (Italy)
Luciane Piazza (Italy)
Francesca Pluchinotta (Italy)
Antonio Saracino (Italy)

3D13 - Advanced Imaging
Gregor Krings (The Netherlands)
Francesca Pluchinotta (Italy)
Aimee Armstrong (USA)

AEPC Fellow Advanced Course Organizing Committee
Gianfranco Butera (United Kingdom)
Regina Bokenkamp (The Netherlands)
John Thomson (United Kingdom)

Congenital Cardiac Surgery Team
Alessandro Frigiola (Italy)
Alessandro Giamberti (Italy)
Andrea Quarti (Italy)
Matteo Reali (Italy)
Alessandro Varrica (Italy)
Mauro Lo Rito (Italy)
Veronica D’Oria (Italy)
<table>
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<tr>
<th>Time</th>
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</table>
| 08:00 - 08:15 | Welcome and introduction  
  M. Carminati (Italy), G. Butera (United Kingdom), R. Bokenkamp (The Netherlands) |
| 08:15 - 08:50 | Presentation of attendees and staff                                      |
| 08:50 - 10:30 | **MORNING SESSION 1**  
  Chairmen: G. Butera (United Kingdom), R. Bokenkamp (The Netherlands),  
  S. Qureshi (United Kingdom)  
  Unusual access:  
  jugular vein, trans-hepatic, axillary artery, carotid artery, trans-septal, radial, others  
  D. Boshoff (Belgium)  
  Hemodynamic evaluation in special settings: restrictive cardiomyopathy, pericarditis, decompensated Fontan patients  
  I. Michel-Behnke (Austria)  
  Complex atrial septostomies  
  D. Boshoff (Belgium)  
  RF: pulmonary valve perforation and other uses  
  G. Butera (United Kingdom)  
  Complex aortic coarctation (horizontal aorta-hypoplastic-mid-aortic syndrome)  
  S. Qureshi (United Kingdom)  
  Coffee break |
| 10:30 - 11:00 | Coffee break                                                             |
| 11:00 - 12:40 | **MORNING SESSION 2**  
  Chairmen: G. Butera (United Kingdom), R. Bokenkamp (The Netherlands),  
  I. Michel-Behnke (Austria)  
  Hemodynamic evaluation of pulmonary hypertension  
  M. Chessa (Italy)  
  Retrieval techniques  
  R. Bokenkamp (The Netherlands) |
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| 11:40 – 12:00 | **Closure of ASD in complex settings** (multiple, pulmonary hypertension, restrictive LV, Pulmonary atresia-IVS, sinus venosus)  
|             |  
|             | G. Butera (United Kingdom)                                              |
| 12:00 – 12:20 | PDA stenting                                                           |
|             | I. Michel-Behnke (Austria)                                             |
| 12:20 – 12:40 | Hemothorax and Retroperitoneal bleeding: signs, symptoms, treatment     |
|             | R. Bokenkamp (The Netherlands)                                          |
| 12:40 – 13:40 | Lunch                                                                   |
| 14:00 – 14:40 | **ROUND TABLES WITH FELLOWS** - Bring your case                        |
| 14:40 - 15:30 | Team Case Presentation                                                 |
| 15:30 – 17:10 | **AFTERNOON SESSION**                                                 |
|             | Chairmen: M. Chessa (Italy), D. Boshoff (Belgium), S. Qureshi (United Kingdom) |
| 15:30 – 15:50 | How to improve quality in your cath lab                                |
|             | S. Qureshi (United Kingdom)                                            |
| 15:50 – 16:10 | Communication skills with patients, parents, staff                     |
|             | R. Bokenkamp (The Netherlands)                                          |
| 16:10 – 16:30 | PDA closure in a complex setting                                       |
|             | G. Butera (United Kingdom)                                             |
| 16:30 – 16:50 | How to plan my training in congenital cardiac interventions            |
|             | M. Chessa (Italy)                                                      |
| 16:50 – 17:10 | Complex PPVI: some interesting examples                                |
|             | D. Boshoff (Belgium)                                                   |
| 17:10 – 17:30 | Final considerations and closure remarks                                |
|             | G. Butera (United Kingdom)                                             |
March 28-30, 2019

XII INTERNATIONAL WORKSHOP ON INTERVENTIONAL PEDIATRIC AND ADULT CONGENITAL CARDIOLOGY AND ADVANCED 3D IMAGING FOR INTERVENTION
## THURSDAY, MARCH 28

### PLENARY ROOM

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<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 07:50 - 08:00 | Welcome  
* M. Carminati (Italy) |
| 08:00 - 10:00 | **SEPTAL DEFECTS CLOSURE**  
Chairman: K. Sivakumaran (India)  
Panelists: M. Papa (Italy), D.N. Tin (Vietnam), R. Rossi (Brazil) |
| 08:00 - 08:15 | Suture based closure of PFO and ASD  
* A. Nobles (USA) |
| 08:15 - 08:30 | ASD closure only by Echo guidance  
* Y. Xie (China) |
| 08:30 - 08:45 | Sinus Venosus ASD closure with covered stent  
* S. Qureshi (United Kingdom) |
| 08:45 - 09:00 | VSD closure: innovative approaches  
* K.P. Walsh (Ireland) |
|  | **LIVE CASES SAN DONATO and LEUVEN** |
| 10:00 - 10:30 | Coffee break |
| 10:30 - 12:30 | **FROM PDA CLOSURE TO FISTULA EMBOLISATION**  
Chairman: E. Bruckheimer (Israel)  
Panelists: J. DeGiovanni (United Kingdom), A. Rodriguez (Spain), M.G. Gagliardi (Italy) |
| 10:30 - 10:45 | PDA closure in adults  
* B. Dalvi (India) |
| 10:45 - 11:00 | PDA closure in preterm babies with Amplatzer ADOlIAs: results of the IDE Trial  
* E. Zahn (USA) |
| 11:00 - 11:15 | Intrapulmonary AVM: course of the disease and timing of embolization  
* I. Daehnert (Germany) |
| 11:15 - 11:30 | Coronary fistula: indication, technique and follow up  
* D.N. Tin (Vietnam) |
|  | **LIVE CASES SAN DONATO and LEUVEN** |
| 12:30 - 13:00 | Lunch |
GONZAGA ROOM

13:00 - 14:15  **LUNCH SESSION 1: FROM CONGENITAL TO STRUCTURAL**
Chairman: J. DeGiovanni (United Kingdom)
Panelists: M. Witsenburg (The Netherlands), B. Dalvi (India)

13:00 - 13:15  Transcatheter management of post infarction VSD
A. Donti (Italy)

13:15 - 13:30  Creation of ASD in heart failure
N. Haas (Germany)

13:30 - 13:45  Fenestration creation in extracardiac Fontan: from femoral to transhepatic approach
C. Pedra (Brazil)

13:45 - 14:00  Percutaneous closure of paravalvular leakage
A. Cabalka (USA)

14:00 - 14:15  PAH: algorhythm for percutaneous options from Potts shunt to medication
D. Schranz (Germany)

VISCONTI 1 ROOM

13:00 - 14:15  **LUNCH SESSION 2: FETAL INTERVENTIONS**
Chairman: V. Fesslova (Italy)
Panelists: M.G. Russo (Italy), G. Brzezinska (Poland)

13:00 - 13:15  Fetal MRI: current status, limitations and future perspective
D. Lloyd (United Kingdom)

13:15 - 13:30  7 years of fetal interventions in Poland: when to do what?
A. Kolesnik (Poland)

13:30 - 13:45  Experimental PPVI in the animal fetus: Zink stent with micro pulmonary valve
A. Armstrong (USA)

13:45 - 14:00  Ethical considerations on fetal Interventions
G. Sharland (United Kingdom)

14:00 - 14:15  Discussion
### VISCONTI 2 ROOM

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Chairman, Panelists</th>
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<tbody>
<tr>
<td>13:00 - 14:15</td>
<td><strong>LUNCH SESSION 3: PDA STENTING</strong></td>
<td>Chairman: L. Benson (Canada), Panelists: M. Marasini (Italy), A. Peirone (Argentina)</td>
</tr>
<tr>
<td>13:00 - 13:15</td>
<td>PDA stent in duct dependent pulmonary circulation: tips and tricks</td>
<td>W. Prompham (Thailand)</td>
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<tr>
<td>13:15 - 13:30</td>
<td>PDA stenting versus BT-shunt for duct dependent pulmonary circulation: the Cairo Experience</td>
<td>H. Hamza (Egypt)</td>
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<tr>
<td>13:30 - 13:45</td>
<td>PDA stenting: how to make pulmonary vessels grow?</td>
<td>G. Santoro (Italy)</td>
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<tr>
<td>13:45 - 14:00</td>
<td>Update in Hybrid Procedure in HLHS: what did we learn?</td>
<td>D. Boshoff (Belgium)</td>
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<tr>
<td>14:00 - 14:15</td>
<td>The surgeons point of view</td>
<td>A. Giamberti (Italy)</td>
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### PLEINARY ROOM

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<th>Time</th>
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<tr>
<td>13:00 - 14:15</td>
<td><strong>LUNCH SESSION 4: INDUSTRY - SPONSORED SYMPOSIUM</strong></td>
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<tr>
<td>14:30 - 16:30</td>
<td><strong>PPVI IN CALCIFIED CONDUITS</strong></td>
<td>Chairman: P. Ewert (Germany), Panelists: M.G. Gagliardi (Italy), K.P. Walsh (Ireland), O. Stumper (United Kingdom)</td>
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<tr>
<td>14:30 - 14:45</td>
<td>Different vascular access</td>
<td>J. Kreutzer (USA)</td>
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<td>14:45 - 15:00</td>
<td>Coronary assessment</td>
<td>C.E. Ruiz (USA)</td>
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<td>15:00 - 15:15</td>
<td>Complications: lessons learned</td>
<td>M. Witsenburg (The Netherlands)</td>
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<tr>
<td>15:15 - 15:30</td>
<td>Virtual device prediction: fancy simulation or userful tool?</td>
<td>F. Pluchinotta (Italy)</td>
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**LIVE CASES SAN DONATO and LEUVEN**

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**THURSDAY, MARCH 28**
### PLENARY ROOM

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<tr>
<td>16:30 - 17:00</td>
<td>Coffee break</td>
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<tr>
<td><strong>17:00 - 18:45</strong></td>
<td><strong>NEW DEVICES &amp; TECHNIQUE</strong></td>
</tr>
</tbody>
</table>
| 17:00 - 17:15   | Unusual applications for interventional devices - versatility and lateral thinking!  
|                 | J. DeGiovanni (United Kingdom)                                       |
| 17:15 - 17:30   | Catheter interventions with MRI guidance in CHD                      |
|                 | A. Frigiola (United Kingdom)                                         |
| 17:30 - 17:45   | CardioMems device: heart failure management in CHD                   |
|                 | D.P. Berman (USA)                                                   |
| 17:45 - 18:00   | Innovating the planning of CHD treatment                             |
|                 | E. Votta (Italy)                                                    |
| 18:00 - 18:15   | Artificial Intelligence to detect heart failure                      |
|                 | A. Ludomirsky (USA)                                                 |

**LIVE CASE SAN DONATO**

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<tr>
<td>19:00</td>
<td>Welcome Cocktail</td>
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**PLENARY ROOM**

08:00 – 10:00  **PPVI IN LARGE RVOT**
Chairman: D.J. Hagler (USA)
Panelists: A. Donti (Italy), Y. Xie (China), A. Çelebi (Turkey)

08:00 – 08:15  **When to intervene?**
M.R. Schmidt (Denmark)

08:15 – 08:30  **Assessment of large RVOT**
M. Al Jufan (Saudi Arabia)

08:30 – 08:45  **Do we need to presten?**
E. Zahn (USA)

08:45 – 09:00  **From "Russian doll" to bilateral valvulation**
J.L. Zunzunegui (Spain)

**LIVE CASES SAN DONATO and MUNICH**

10:00 – 10:30  **Coffee break**

10:30 – 12:30  **AORTIC VALVE AND ARCH DISEASE**
Chairman: A. Armstrong (USA)
Panelists: A. Moysich (Germany), C. Pedra (Brazil), G. Sharland (United Kingdom)

10:30 – 10:45  **3D statistical shape analysis of the aortic arch after CoA repair**
S. Schievano (United Kingdom)

10:45 – 11:00  **Hypoplastic transverse arch and CoA: understand, than treat**
E. Bruckheimer (Israel)

11:00 – 11:15  **Stenting complex coarctation**
M. Chessa (Italy)

11:15 – 11:30  **Aortic valve dilatation in borderline left ventricle**
G. Brzezinska (Poland)

**LIVE CASES SAN DONATO and MUNICH**

12:30 – 13:00  **Lunch**
### VISCONTI 1 ROOM

**LUNCH SESSION 1: RETRIEVAL AND RECRUITMENT TECHNIQUES**  
**Chairman:** A. Cabalka (USA)  
**Panelists:** B. Dalvi (India), A. Fraisse (United Kingdom)

- **13:00 - 13:15**  
  **ASD device retrieval**  
  J.Y. Choi (South Korea)

- **13:15 - 13:30**  
  **PDA device retrieval**  
  O. Stumper (United Kingdom)

- **13:30 - 13:45**  
  **Retrieval of misplaced stents**  
  K. Sivakumaran (India)

- **13:45 - 14:00**  
  **Vessel occlusion: how to recanalize and recruit?**  
  J. Kreutzer (USA)

- **14:00 - 14:15**  
  **Recruitment of occluded pulmonary arteries**  
  G. Butera (United Kingdom)

### PLEINAR ROOM

**LUNCH SESSION 2: 3D Imaging for Interventions**  
**Chairman:** P. Festa (Italy)  
**Panelists:** M. Lombardi (Italy), M. Quail (United Kingdom)

- **13:00 - 13:15**  
  **Is 3DRA worth the effort and radiation?**  
  F. Gutierrez-Larraya (Spain)

- **13:15 - 13:30**  
  **Cookbook**  
  A. Armstrong (USA)

- **13:30 - 13:45**  
  **3D image fusion**  
  S. Goreczny (Poland)

- **13:45 - 14:00**  
  **3DRA in complex PPVI**  
  H. Breur (The Netherlands)

- **14:00 - 14:15**  
  **How the engineer can help**  
  A. Redaelli (Italy)
**VISCONTI 2 ROOM**

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<td><strong>LUNCH SESSION 3: INDUSTRY - SPONSORED SYMPOSIUM</strong></td>
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<tr>
<td>14:30 - 16:30</td>
<td><strong>RVOT, PULMONARY ARTERIES AND VEINS</strong></td>
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<td>Chairman: R. Bokenkamp (The Netherlands)</td>
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<td>Panelists: S. El Saiedi (Egypt), J. Kreutzer (USA), A. Giamberti (Italy)</td>
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<tr>
<td>14:30 - 14:45</td>
<td>Promote PA growth: RVOT versus PDA stenting</td>
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<td>L. Benson (Canada)</td>
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<td>14:45 - 15:00</td>
<td>RVOT stenting techniques and complications in the newborn</td>
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<td>A. Peirone (Argentina)</td>
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<td>15:00 - 15:15</td>
<td>Indication for LPA stenting after Switch</td>
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<td>G. J. Morgan (USA)</td>
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<td>15:15 - 15:30</td>
<td>How to treat pulmonary vein stenosis: balloons, stents...</td>
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<td>M. Schneider (Germany)</td>
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**LIVE CASES SAN DONATO and MUNICH**

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<td>16:30 - 17:00</td>
<td>Coffee break</td>
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<tr>
<td>17:00 - 18:20</td>
<td><strong>IPC AWARD (Oral Communications - Not CME Accredited)</strong></td>
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<td>Chairman: S. Qureshi (United Kingdom), M. Carminati (Italy)</td>
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**LIVE CASE SAN DONATO**

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<td>18:20 - 18:50</td>
<td><strong>LECTURE</strong></td>
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<td>From hearts to violins to the concept of science and music</td>
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<td>P. Bonhoeffer (Italy)</td>
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<tr>
<td>20:00</td>
<td><strong>Social Dinner</strong></td>
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</table>
08:00 - 10:00 **AV VALVE-IN-VALVE**  
Chairman: D. Kenny (Ireland)  
Panelists: A. Micheletti (Italy), D. J. Hagler (USA), A. Frigiola (United Kingdom)  

08:00 - 08:15 **Surgical atrioventricular valve replacement with Melody® valve in infants and children**  
F. Pluchinotta (Italy)  

08:15 - 08:30 **Tricuspid Valve in Valve: Registry Outcomes and Technical Tips**  
A. Cabalka (USA)  

08:30 - 08:45 **Mitral Clip in Tricuspid Valve: more than just three leaflets to clip**  
K. Sievert (Germany)  

08:45 - 09:00 **Long term results after percutaneous tricuspid valve implantation**  
A. Eicken (Germany)  

**LIVE CASES SAN DONATO**  

10:00 - 10:30 Coffee break  

10:30 - 12:15 **SINGLE VENTRICLE STAGE I-III**  
Chairman: I. Michel-Behnke (Austria)  
Panelists: I. Spadoni (Italy), U. Vairo (Italy), M. Schneider (Germany)  

10:30 - 10:45 **ProCon: CMR versus Cath to prepare for Glenn and Fontan**  
M. Quail (United Kingdom)  

10:45 - 11:00 **ProCon: CATH versus CMR to prepare for Glenn and Fontan**  
O. Stumper (United Kingdom)  

11:00 - 11:15 **Fate of the Fontan connection: Interventional and Surgical results**  
D. J. Hagler (USA)  

11:15 - 11:30 **Interventions in critical Stage I with 3DRA guidance**  
D. P. Berman (USA)  

11:30 - 11:45 **Oval stenting of LPA: indication and procedure**  
G. J. Krings (The Netherlands)  

**LIVE CASE SAN DONATO**  

12:15 - 13:00 Lunch
13:00 - 14:15 **LUNCH SESSION: UPDATE ON PERCUTANEOUS PULMONARY VALVES**
Chairman: G.J. Krings (The Netherlands)
Panelists: D. P. Berman (USA), K. P. Walsh (Ireland)

13:00 - 13:15 **Harmony I and II: what did we learn and what to expect?**
L. Benson (Canada)

13:15 - 13:30 **Sapien and Alterra: results of the current Clinical Trial Study**
E. Zahn (USA)

13:30 - 13:45 **Venus P valve from China to Latin America**
F. Garay (Chile)

13:45 - 14:00 **Pulsta: update on the Pre-Approval Study**
G.B. Kim (South Korea)

14:00 - 14:15 **Tissue engineering for transcatheter pulmonary valve replacement**
D. Kenny (Ireland)

14:15 - 16:00 **NIGHTMARE CASES**
**Topic:** Clinical cases related to interventional procedures in congenital heart diseases
Chairman: S. Qureshi (United Kingdom)
Panelists: G. J. Krings (The Netherlands), F. Gutierrez-Larraya (Spain)

14:15 - 14:30 **Case 1**
M. Marasini (Italy)

14:30 - 14:45 **Case 2**
I. Michel-Behnke (Austria)

14:45 - 15:00 **Case 3**
M. Al Jufan (Saudi Arabia)

15:00 - 15:15 **Case 4**
A. Çelebi (Turkey)

15:15 - 15:30 **Case 5**
R. Rossi (Brazil)

**LIVE CASE SAN DONATO**

16:00 - 16:30 **Final remarks**
AV Valve-In-Valve

Chairman: D. Kenny (Ireland)
Panelists: A. Micheletti (Italy), D. J. Hagler (USA), A. Frigiola (United Kingdom)

Surgical atrioventricular valve replacement with Melody® valve in infants and children
F. Pluchinotta (Italy)

Tricuspid Valve in Valve: Registry Outcomes and Technical Tips
A. Cabalka (USA)

Mitral Clip in Tricuspid Valve: more than just three leaflets to clip
K. Sievert (Germany)

Long term results after percutaneous tricuspid valve implantation
A. Eicken (Germany)

LIVE CASES SAN DONATO
Coffee break

SINGLE VENTRICLE STAGE I-III
Chairman: I. Michel-Behnke (Austria)
Panelists: I. Spadoni (Italy), U. Vairo (Italy), M. Schneider (Germany)

ProCon: CMR versus Cath to prepare for Glenn and Fontan
M. Quail (United Kingdom)

ProCon: CATH versus CMR to prepare for Glenn and Fontan
O. Stumper (United Kingdom)

Fate of the Fontan connection: Interventional and Surgical results
D.J. Hagler (USA)

Interventions in critical Stage I with 3DRA guidance
D. P. Berman (USA)

Oval stenting of LPA: indication and procedure
G.J. Krings (The Netherlands)

LIVE CASE SAN DONATO
Lunch
SCIENTIFIC INFORMATION
All meeting rooms will be equipped with videoprojector and computer, every work will be transferred to the rooms via LAN directly from the Preview Room. To avoid incompatibility problems between speakers’ computers and hall projectors and to speed up presentations, no personal connection will be allowed. Speakers are requested to kindly leave a copy of their presentation directly at the Preview Room, at least a couple of hours before their Presentation to enable technicians to set up the session sequence.

No private computer will be allowed in the hall.

For any special requirement, please, contact the Faculty Desk at the Secretariat.

Speakers are invited to be in the Room assigned for presentation at least 10 minutes before the beginning of the Session and to respect the timing assigned to each one. Chairs and Panelists shall arrive at least 15 minutes before the beginning of their session.

OFFICIAL LANGUAGE
English is the official language of the meeting.

ORAL COMMUNICATIONS
Among all abstract submitted, six works have been selected to be part of the Scientific Programme as oral presentations. The six presenting authors have been granted a free registration to the IPC Workshop 2019 and they will participate in the evaluation of the best one, whose presenter will be offered access to the 2021 edition as part of the Faculty.

POSTER AREA
Posters will be displayed in the exhibition area. Authors are required to be present in front of their Poster during coffee break.
CONGRESS VENUE
Crowne Plaza Linate
Via K. Adenauer, 3
20097 San Donato Milanese (MI, Italy)
Phone +39 02 516001

REGISTRATION DESK
The Organizing Secretariat will be available on site following the below schedule:

Wednesday, March 27 08.00 - 18.00
(ONLY FOR AEPC PRE-COURSE PARTICIPANTS)
Thursday, March 28 07.30 - 18.45
Friday, March 29 07.30 - 19.00
Saturday, March 30 07.30 - 16.30

BADGE
Participants will receive their badge upon registration. This must always be worn to enter the Scientific Sessions and the congress venue.

NAME BADGES ARE DISTINGUISHED AS FOLLOWS:
Physicians Transparent
Young/nurses/technicians Yellow
AEPC Working Group members
Invited Speakers and Chairpersons Red
Exhibitors Green

ATTENDANCE CERTIFICATE
Attendance certificates will be sent by e-mail the last day of the meeting.
Please check at the registration desk that we have the correct e-mail address.

ORGANIZING SECRETARIAT
AIM Group International
Milan Office
Via G. Ripamonti 129
20141 Milan (Italy)
Phone: +39.02.566011
Fax: +39.02.70048578
E-mail: ipcworkshop@aimgroup.eu

UEMS/EACCME Accreditation
An application has been made to the EACCME® for CME accreditation of this event

REGISTRATION FEES
Registration Fees (Euro, VAT 22% included)
Physicians* € 600,00
Nurses & technicians/ Young/ AEPC Working Group of Interventional Cardiology * € 400,00
Poster presenters * € 250,00
Social dinner € 50,00

* Registration Fees include: admission to the scientific sessions, entrance to exhibition area, congress kit, access to proceedings on the congress web site, coffee break and lunch, CME credits (except for fellows, residents, nurses and technicians, exhibitors)

IMPORTANT: People requesting the reduced fee for fellows, residents, nurses, technicians and AEPC Working Group must provide certification to confirm their position.

PAYMENT METHODS
- By Cash (Euro) up to 999,99 €
- By Credit card (American Express, VISA, Eurocard/Mastercard)
COFFEE BREAK AND LUNCH
Box lunch and coffee break will be served in the Exhibition Area:

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<thead>
<tr>
<th>Date</th>
<th>Coffee Break</th>
<th>Lunch</th>
<th>Coffee Break</th>
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<tbody>
<tr>
<td>Wednesday March 27</td>
<td>10:30 - 11:00</td>
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<td>12:40 - 13:40</td>
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<td>(AEPC PRE-COURSE ONLY)</td>
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<tr>
<td>Thursday, March 28</td>
<td>10:00 - 10:30</td>
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<td>16:30 - 17:00</td>
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<tr>
<td>Friday, March 29</td>
<td>10:00 - 10:30</td>
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<td>16:30 - 17:00</td>
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<tr>
<td>Saturday, March 30</td>
<td>10:00 - 10:30</td>
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EXHIBITION
Exhibition Area will be open throughout the Meeting with the following timetable:

<table>
<thead>
<tr>
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<th>Time</th>
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<tbody>
<tr>
<td>Thursday, March 28</td>
<td>08:00 - 18:30</td>
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<td>Saturday, March 30</td>
<td>08:30 - 16:00</td>
</tr>
</tbody>
</table>

WI-FI SERVICE
Crowne Plaza Linate offers to all participants accommodated into the venue a free wi-fi password for the whole duration of the IPC Workshop. Don’t forget to ask for your card when checking in!

SHUTTLE SERVICES
Crowne Plaza Linate offers a free shuttle service to/from the Hotel to/from underground station SAN DONATO and LINATE Airport. Please check the timetable with the Hotel Reception.

INSURANCE
Meeting organizers cannot accept liability for personal injuries or for damage or loss of property belonging to participants, either during or as a result of the Meeting. Please check the validity of your own insurance.

ELECTRICITY
Voltage is 220V AC, 50Hz. Plugs have two or three round pins. Foreign voltage could require an adapter.

IPC WORKSHOP WEBSITE
IPC Workshop is very proud to have its own website www.workshopipc.com We strongly invite you to support the website consulting all the contents: live cases, presentations and all scientific contributions are video-recorded and published for everybody to learn upon.
77% Relative Stroke Reduction

With PFO CLOSURE plus medical therapy vs. medical therapy alone.*

GORE® CARDIOFORM Septal Occluder
The advanced stroke prevention solution for cryptogenic stroke patients.

See the data at goremedical.com/pfoclosure

* The REDUCE study determined safety and efficacy of patent foramen ovale (PFO) closure with the GORE® CARDIOFORM Septal Occluder or GORE® HELEX® Septal Occluder plus antiplatelet medical management compared to antiplatelet medical management alone in patients with a PFO and history of cryptogenic stroke. All PFO anatomies were incorporated into this study within indicated sizing parameters of the Instructions for Use.