08:30-08:50  Welcome and introduction  
_Ina Michel-Behnke, Gianfranco Butera, Mario Carminati_

**MORNING SESSION 1**  
**Chairs: Gianfranco Butera, Grazyna Brzezinska, Shakeel Qureshi**

08:50-09:10  Unusual access: jugular vein, trans-hepatic, axillary artery, carotid artery, trans-septal, radial, others  
_Derize Boshoff_

09:10-09:30  Hemodynamic evaluation of pulmonary hypertension  
_Massimo Chessa_

09:30-09:50  Hemodynamic evaluation in special settings: restrictive cardiomyopathy, pericarditis, decompensated Fontan patients  
_Ina Michel-Behnke_

09:50-10:10  Complex atrial septostomies  
_Derize Boshoff_

10:10-10:30  RF: pulmonary valve perforation and other uses  
_John Thomson_

10:30-11:00 Coffee Break

**MORNING SESSION 2**  
**Chairs: Maarten Witsenburg, Derize Boshoff, Ina Michel-Behnke**

11:00–11:20  Complex aortic coarctation (horizontal aorta-hypoplastic-mid-aortic syndrome)  
_Shakeel Qureshi_

11:20-11:40  Retrieval techniques  
_Grazyna Brzezinska_

11:40-12:00  Closure of ASD in complex settings (multiple, pulmonary hypertension, restrictive LV, Pulmonary atresia-IVS)  
_Gianfranco Butera_

12:00-12:20  PDA stenting  
_Ina Michel-Behnke_

12:20-12:40  Hemothorax and Retroperitoneal bleeding: signs, symptoms, treatment  
_John Thomson_

12:40-14:00 Lunch

14:00-15:30  ROUND TABLE WITH FELLOWS – Bring your case!
AFTERNOON SESSION 3
Chairs: Massimo Chessa, Grazyna Brzezinska, John Thomson

15:30 – 15:50  How to improve quality in your cathlab
  Shakeel Qureshi

15:50 – 16:10  Communication skills with patients, parents, staff
  Maarten Witsenburg

16:10 – 16:30  PDA closure in a complex setting
  Gianfranco Butera

16:30 – 16:50  When you should stop your procedure! Some examples
  Massimo Chessa

16:50 – 17:10  The day after the procedure – what to check and why
  Maarten Witsenburg

17:10-17:30  Discussion

17:30-17:40  Final considerations and closure remarks
  Ina Michel-Behnke/Gianfranco Butera

Dinner

September 28th–30th 11TH IPC WORKSHOP

LIVE CASES

September 28th
Leuven + San Donato

September 29th
San Donato

September 30th
Monaco + San Donato

SEPTEMBER 28th

07:50-08:00  Welcome and introduction
  Mario Carminati

08:00-10:00  SESSION 1: ASD CLOSURE IN COMPLEX/ESTREME SITUATIONS
  Chair: Ziyad Hijazi
  Panelists: Marco Papa– Andrea Eicken

  Overview of different occluders
  Horst Sievert

  Advanced imaging tools
  Achiau Ludomirsky
Can we predict erosions?
*William Hellenbrand*

ASD and pulmonary arterial hypertension
*Bharat Dalvi*

**Live Case Leuven + San Donato**

**10.00-10.30 coffee break**

**10.30-12.30 SESSION 2: Fetal cardiology: diagnosis and interventions**
*Chair: Shakeel Qureshi*
*Panelists: Vlasta Fesslova – Grazyna Brzezinska*

Diagnosis of CHD in the fetus and indications for interventions
*Gurleen Sharland*

Equipment and techniques for fetal interventions
*Adam Kolesnik*

The importance of counselling
*Maria Giovanna Russo*

International experience
*Carlos Pedra*

**Live Case Leuven + San Donato**

**12.30-13.00 box lunch**

**13.00-14.30 LUNCH 1: PATENT FORAMEN OVALIS CLOSURE**
*Chair: Horst Sievert*
*Panelist: Angelo Micheletti - Axel Moysich*

Trials
*Lars Sondergaard*

Platypnea-orthodeoxia
*Alejandro Peirone*

Managing residual shunt
*Giuseppe Santoro*

Suture base closure
*Anthony Nobles*

Complications closing the PFO
*John Thomson*

Tricky PFOs: how to achieve good results
*Oliver Ormerod*

**13.00-14.30 LUNCH 2: Sponsored SYMPOSIUM**

Programma da definire
13.00-14.30 LUNCH 3: Sponsored Symposium  Siemens

Programma da definire

13.00-14.30 LUNCH 4: CASES IN THE BOX
Chair: Jochen Weil
Panelists: Massimo Chessa – Francisco Larraya

ASD creation in foetus
Maurizio Marasini

Interventional treatment of pulmonary sequestration or interventional treatment of intrapulmonary fistulas
Ingo Daehnert

Fontan fenestration
Donald Hagler

ASD/PDA/Potts creation in Pulmonary hypertension
Kothandam Sivakumaran

3D Echo of RV
Claudio Bussadori

My most difficult PDA stenting procedure
Giuseppe Santoro

Discussion

14:30-16:30 SESSION 3:
HOW TO DEAL WITH A LARGE RVOT
Chair: Peter Ewert
Panelists: José Luis Zunzunegui – Elchanan Bruckheimer

Multimodality imaging evaluation
Alessandra Frigiola

Alterra device
Evan Zahn

Harmony
John Cheatham

Venous P Valve
Shakeel Qureshi

Surgical reduction and valve implantation
Damien Kenny

Live Case Leuven + San Donato

coffee break
17:00-18:30 SESSION 4: IMAGING THE FUTURE
Chair: Gregor Krings
Panelists: Alberto Redaelli - Massimo Lombardi

From 3D to 4DRA: dynamics of flow and contraction available during cath
Gregor Krings

Dyne CT
Carlos Ruiz

Holography
Elchanan Bruckheimer

Future of Cath: Computational Fluid Dynamics in AO Interventions
Aimee Armstrong

Understanding the entire chest: Visualizing airway and oesophagus during Cath interventions
Mirella Molenschot

Do we measure the truth?
Tom Fagan

Live Case San Donato

SEPTEMBER 29th

08.00-10.00 SESSION 5: Increasing the Pulmonary Blood Flow.
Chair: Grazyna Brzezinska
Panelists: Alain Fraisse Gianfranco Butera

PDA stenting (balloon expandable)
Ina Michel-Behnke

RVOT stenting
Mansour Al Jufan

Intraoperative PA stenting
Martin Schneider

Surgical thoughts
Alessandro Giamberti

Live San Donato

10.00-10.30 coffee break

10.30-12.30 SESSION 6: Focus on
Chair: John Cheatham
Panelists: Aimee Armstrong – Gabriella Agnoletti

Neointimal Stenting growth: how to prevent it?
Felix Berger
Bioresorbable technology for CHD

*Martin Schneider*

The Hybrid vs traditional approach to HLHS: a worthy venture or futile Folly?

a. Pro
   *Dietmar Schranz*

b. Con
   *Joseph De Giovanni*

Live Case San Donato

12.30-13.00 box lunch

13.00-14.30 LUNCH 5: Sponsored Symposium  GORE

Programma da definire

13.00-14.30 LUNCH 6: Decision Making in difficult cases

*Chair: William Hellenbrand*

*Panelists: Raoul Rossi, Felix Berger*

Hijazi
Danahert
Tin
Worakam
Larraya

13.00-14.30 LUNCH 7: COMPLEX STENTING OF PULMONARY ARTERIES

*Chair: Ina Michel-Behnke*

*Panelists: Dietmar Schranz – Andrea Donti*

3DRA vs Conventional angiography

*Berman Darren*

Treating bifurcation

*Martin Schneider*

Redilatation of PA stents: challenges and tricks

*Gianfranco Butera*

PAs Recanalization

*Oliver Stumper*

How we do measure success in PAs treatment? Lesion diameter? RV pressures? Gradient? Perfusion scan?

*Jaqueline Kreutzer*

Echo guidance for mitral valve catheter interventions

*Marteen Witsenburg*
13.00-14.30 LUNCH 8: 3D printing: Hands On
Chair: Aimee Armstrong
Panelists: Tom Fagan, Evan Zahn

Cookbook: How to start a 3D(RA) program
Aimee Armstrong

Fusion of Multimodality imaging during intervention in single ventricle
Sebastian Goreczny

Comprehensive evaluation of coronaries in PPVI
Tom Fagan

Device prediction in PPVI
Francesca Pluchinotta

3D printing to design and test new solutions in interventional cardiology
Alberto Redaelli

3D printing in the preoperative planning of Complex Surgical Procedure
Silvia Schievano

14.30-16.30 SESSION 7: Update on structural heart procedure for congenital interventionists
Chair: Kevin Walsh
Panelists: Lars Sondergaard – Alessandro Bortone

TAVR and MitraClip: were we are and what we can expect from the future
Francesco Bedogni

Paravalvular leaks
Carlos Ruiz

Interventional Options for Diastolic HF
Kothandam Sivakumaran

Valve in Valve
Alison Cabalka

Live Case San Donato

coffee break

17.00 – 18.30 SESSION 8: REGISTRIES and DATA COLLECTIONS
Chair: Tom Fagan
Panelists: Alison Cabalka – Pier Luigi Festa

ASD/PFO Registries
Ziyad Hijazi

The IMPACT registry
John Cheatham

German Registry on Interventional procedures
Jochen Weil

Surgical melody implantation in Mitral Position: a data collection
Francesca Pluchinotta

Live Case San Donato

18.30-19.30 SESSION 9: IPC AWARD
Chairs: Mario Carminati; Shakeel Qureshi

SEPTEMBER 30th

08.00-10.00 SESSION 10: Complex aortic coarctation
Chair: Massimo Chessa
Panelists: Joseph De Giovanni – Francisco Garay

Aortic Arch Stenosis: topography and intervention guided by 3D imaging
Gregor Krings

Quasi atretic-atretic
Ahmed Celebi

What does the intervention improve: the long term outcome
Axel Moysich

Mid Aortic Syndrome and all his variants
Diego Porras

Live Monaco & San Donato

10.00-10.30 coffee break

10.30-12.30 SESSION 11: Surviving in difficult situations
Chair: Shakeel Qureshi
Panelists: Federico Larraya - Martin Schneider

ASD,VSD,PDA Device embolization
Alain Fraisse

Stent and valved stent embolization
Mark Gewillig

Aortic rupture
Felix Berger

Balloon rupture
Nguyen Do Tin

Tortuous tracks
Oliver Stumper

Live Monaco & San Donato

12.30-13.00 box lunch
13.00-14.30 LUNCH 10: Sponsored Symposium

Programma da definire  Edwards

13.00-14.30 LUNCH 11: VSDs: any news around?
Chair: Oliver Stumper
Panelists: Ornella Milanesi - John Thompson

Newer tools for pm-VSD closure  Kevin Walsh

Long-term follow-up of transcatheter VSD closure  Isabella Spadoni

Updates on post-MI VSD closure  Carlos Ruiz

Percutaneous and non-fluoroscopic procedure for CHD  Pan Xiangbin

VSD Closure – experience in Thailand  Promphan Worakan

13.00-14.30 LUNCH 12
PPVI in “native RVOT” with currently available devices (Melody and Sapien)
Chair: Mario Carminati
Panelists: John Cheatam - Alejandro Peirone

Turkish experience  Ahmed Celebi

München experience  Andreas Eicken  
(live connection from Monaco)

Madrid experience  José Luis Zunzunegui

Rome experience  Giulia M. Gagliardi

Milano experience  Luciane Piazza

Leuven experience  Derize Boshoff

London experience  Michael Mullen

Saudi Arabia experience  Mansour Al Jufan
USA experience
Evan Zahn

Discussion and attempt to reach a consensus

14.30-16.00 SESSION 12: Coronary arteries in CHD
Chair: Ingo Daehnert
Panelists: Massimo Chessa – Francesco Bedogni

When to check coronary arteries in an adult with CHD
Kevin Walsh

Management of Anomalous take-off and origin of CAs
Alessandro Frigiola

The role of intracoronary echo in ACHD
Achiau Ludomirsky

Coronary Fistulas:
Nguyen Do Tin

Live San Donato
Closing Remarks