

**SCIENTIFIC PROGRAMME**



Società Italiana di  
Cardiologia Pediatrica e delle  
Cardiopatie Congenite

ENDORSEMENTS



# ADVANCES IN PEDIATRIC HEART FAILURE CONGENITAL DISEASE & CARDIOMYOPATHIES

..... AUDITORIUM AL DUOMO, FLORENCE, ITALY .....

**MARCH  
15<sup>TH</sup>-17<sup>TH</sup>  
2018**

**SILVIA FAVILLI**

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Meyer University  
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# WELCOME LETTER

DEAR COLLEAGUES,

Pediatric heart failure largely remains uncharted territory in cardiovascular medicine. Advances in management of congenital heart disease and improved recognition of early-onset myocardial disorders are giving new epidemiological relevance to the field, calling for age-specific, evidence-based management. Yet, heart failure in children and adolescents largely remains a data-free zone, often managed by mere adaptation of adult guidelines. Gaps in knowledge among these age groups range from understanding of cardiovascular pharmacology to appropriate use of imaging and devices, reflecting a paucity of research initiatives in pediatric cohorts. Thus, concerted efforts are required, bringing together the best of the two worlds involved: congenital heart disease and genetic cardiomyopathies. These worlds encompass a wide spectrum of complementary and sometimes overlapping expertise, but often fail to meet. Conceived in a unifying and pragmatic perspective, “Advances in Pediatric Heart Failure: Congenital Disease and Cardiomyopathies”, will be held in Florence on 15-17th March 2018. The symposium brings together an international, multidisciplinary faculty of experts who will discuss state-of-the-art management of children with heart disease and focus on how to develop translational, evidence-based approaches to pediatric heart failure. In the tradition of the Florence Advanced Courses on Cardiomyopathies, the program encourages close interaction and informal discussion among basic scientists and health professionals, intended to stimulate debate, maximize interaction and promote networking. Original research will be presented by junior investigators and MiniCourses will be held on the first day to provide concise and practical knowledge base to younger participants.

It gives us great pleasure to invite you to Florence, and we look forward to your participation.

A presto!

**SILVIA FAVILLI**

**IACOPO OLIVOTTO**



*S Favilli*



*I. Olivotto*



Thursday, March 15<sup>th</sup>

..... **OPENING** .....

08:30	Registration
09:00-13:30	Minicourses (pag. 8)
13:30	Lunch

..... **INAUGURAL SPEECHES** .....

14:30	Introduction and welcome <i>S. Favilli; I. Olivotto; C. Poggesi; U. Vairo; A. Zanobini</i>
15:00	<b>Introductory Lecture:</b> <i>The universe of pediatric heart failure: a personal perspective</i> J. A. Towbin

..... **SESSION I** .....

Age-Specific Issues in Pediatric Heart Failure

*Chairmen: N. Marchionni; D. Masarone*

15:30	The fetus <i>D. Prandstraller</i>
15:55	The infant <i>O. Milanesi</i>
16:20	The child <i>S. Favilli</i>
16:45	The adolescent and transition to adulthood <i>K. Dimopoulos</i>
17:10	Cardiomyopathies in the very young <i>P. M. Elliott</i>
17:35	<b>Discussion</b>
17:55	End of session and welcome cocktail

## Friday, March 16<sup>th</sup>

08:30	Registration
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### ETIOLOGIC SPECTRUM OF PEDIATRIC HEART FAILURE

#### ..... **SESSION II** .....

##### Myocardial Diseases

Chairmen: F. Cecchi; M. Emdin

09:00	The spectrum of dilated cardiomyopathy in children <i>G. Limongelli</i>
09:20	Hypertrophic and restrictive cardiomyopathies <i>I. Olivotto</i>
09:40	LV noncompaction: myth or reality? <i>J. P. Kaski</i>
10:00	Inborn errors of metabolism and mitochondrial disease <i>A. Morrone</i>
10:20	Myocarditis in children and adolescents <i>M. Dal Ferro</i>
10:40	<b>Discussion</b>
11:00	Coffee break

#### ..... **SESSION III** .....

##### Congenital Heart Diseases

Chairmen: C. Di Mario; K. Dimopoulos

11:30	Genetics of CHD <i>B. Marino</i>
12:00	The 'failing Fontan' <i>P. Guccione</i>
12:30	RV dysfunction/failure in CHD <i>M. Chessa</i>
13:00	Heart failure in children with pulmonary hypertension <i>M. D'Alto</i>
13:30	<b>Discussion</b>
13:50	Lunch

..... **SESSION IV** .....

**Emerging Topics**

Chairmen: S. Favilli; J. A. Towbin

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14:50	<b>Keynote Lecture:</b> Cardiotoxicity in children: from anthracyclines to novel targeted agents <i>S. E. Lipshultz</i>
15:20	MRI in heart failure: state of the art <i>J. Bogaert</i>
15:40	Standard pharmacological treatment of HF: evidence-based in children? <i>C. Rapezzi</i>
16:00	Ethics in pediatric cardiovascular research <i>A. Mugelli</i>
16:20	<b>Discussion</b>

..... **SESSION V** .....

**Perspectives from Pathology and Basic Science**

Chairmen: E. Cerbai; C. Poggesi

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16:40	Genetic arrhythmias in children <i>L. Crotti</i>
17:00	Pathology of pediatric heart failure <i>O. Leone</i>
17:20	Myocardial dynamics and energetics in heart failure <i>J. van der Velden</i>
17:40	Novel pharmacological approaches <i>R. Coppini</i>
18:00	<b>Discussion</b>
18:20	End of sessions

## Saturday, March 17<sup>th</sup>

08:30	Registration
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### ..... SESSION VI .....

#### Management Strategies - I

Chairmen: P. Ferrazzi; F. S. Iorio

09:00	Role of interventional procedures <i>G. Santoro</i>
09:20	Blocking the path from disease causing mutations to phenotype in cardiomyopathies <i>C. Y. Ho</i>
09:40	The ICD: which, why and when <i>F. Drago</i>
10:00	<b>Keynote Lecture:</b> Past, present and future of the Ross procedure <i>M. Yacoub</i>
10:30	<b>Discussion</b>
10:50	Coffee break

### ..... SESSION VII .....

#### Management Strategies - II

Chairmen: K. Menif; B. Murzi; M. Yacoub

11:20	Mechanical circulatory support: bridge to HT or to recovery? <i>A. Amodeo</i>
11:40	Indications for heart transplant in children <i>L. Ragni</i>
12:00	Results of pediatric HT <i>F. Parisi</i>
12:20	Pediatric heart failure in developing countries <i>E. Zachara</i>
12:40	End-of-life issues <i>A. Zuppiroli</i>
13:00	<b>Discussion</b>
13:20	Conclusions and final remarks <i>S. Favilli; I. Olivotto</i>
13:30	Presentation of the project "Let's help little superheroes grow" supported by "Davide il Drago" ONLUS <i>A. Pilotta</i>
13:40	CME evaluation

## MINICOURSES BASED ON CLINICAL CASES

### MINICOURSE 1: Approaching the neonate/infant with heart failure

*Discussants: M. Bonvicini; I. Pollini*

09:00	Clinical presentation and diagnostic algorithm <i>G. B. Calabri</i>
09:20	Echocardiographic approach <i>D. Masarone</i>
09:40	Therapeutic Flow-chart <i>G. M. Vignati</i>

### MINICOURSE 2: Complex cardiomyopathy cases in children

*Discussants: G. Santoro; U. Vairo*

10:00	Case 1 <i>G. Spaziani</i>
10:20	Case 2 <i>S. Passantino</i>
10:40	Case 3 <i>M. Lombardi</i>
11:00	Coffee break

### MINICOURSE 3: Pediatric ECG

*Discussants: G. Bronzetti; L. De Simone*

11:30	Clinical cases and discussion <i>G. Bronzetti; L. De Simone</i>
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### MINICOURSE 4: How to interpret genetic and metabolic tests

*Discussants: M. A. Donati; E. Pasquini*

12:30	Case 1 <i>A. Marchi</i>
12:50	Case 2 <i>A. Brambilla</i>
13:10	Case 3 <i>F. Girolami</i>
13:30	Light lunch

# FACULTY LIST .....

- Antonio Amodeo, Rome I
- Jan Bogaert, Leuven BG
- Marco Bonvicini, Bologna I
- Alice Brambilla, Florence I
- Gabriele Bronzetti, Bologna I
- Giovanni Battista Calabri, Florence I
- Franco Cecchi, Florence I
- Elisabetta Cerbai, Florence I
- Massimo Chessa, Milan I
- Raffaele Coppini, Florence I
- Lia Crotti, Milan I
- Michele D'Alto, Naples I
- Matteo Dal Ferro, Trieste I
- Luciano De Simone, Florence I
- Carlo Di Mario, Florence I
- Konstantinos Dimopoulos, London UK
- Maria Alice Donati, Florence I
- Fabrizio Drago, Rome I
- Perry Mark Elliott, London UK
- Michele Emdin, Pisa I
- Silvia Favilli, Florence I
- Paolo Ferrazzi, Monza I
- Francesca Girolami, Florence I
- Paolo Guccione, Rome I
- Carolyn Yung Ho, Boston USA
- Fiore Salvatore Iorio, Rome I
- Juan Pablo Kaski, London UK
- Ornella Leone, Bologna I
- Giuseppe Limongelli, Naples I
- Steven Edward Lipshultz, Detroit USA
- Maristella Lombardi, Bari I
- Alberto Marchi, Florence I
- Niccolò Marchionni, Florence I
- Bruno Marino, Rome I
- Daniele Masarone, Naples I
- Khaled Menif, Tunis TN
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- Francesco Parisi, Rome I
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- Silvia Passantino, Florence I
- Andrea Pilotta, Milan I
- Corrado Poggese, Florence I
- Iva Pollini, Florence I
- Daniela Prandstraller, Bologna I
- Luca Ragni, Bologna I
- Claudio Rapezzi, Bologna I
- Gennaro Santoro, Florence I
- Giuseppe Santoro, Massa I
- Gaia Spaziani, Florence I
- Jeffrey A. Towbin, Memphis USA
- Ugo Vairo, Bari I
- Jolanda van der Velden, Amsterdam NL
- Gabriele Maria Vignati, Milan I
- Magdi Yacoub, London UK
- Elisabetta Zachara, Rome I
- Alfredo Zuppiroli, Florence I





# GENERAL INFORMATION

## CONGRESS VENUE

Auditorium al Duomo  
Via de' Cerretani, 54/R  
50123 Florence (Italy)  
[www.auditoriumalduomo.com](http://www.auditoriumalduomo.com)

## REGISTRATION

Registration is free.  
The registration form is available on the website:  
[www.mcrconference.it](http://www.mcrconference.it)  
The organizing secretariat will confirm  
in writing the approval of the registration

## CME CREDITS

(only for Italian physicians)  
Provider C.M.E. MCR Conference Srl ID 489  
N. 13,3 Assigned credits  
The congress is accredited for the Italian physicians, in accordance  
with the existing national laws on CME.  
Profession: Physicians  
Reserved to the following categories:  
Cardiology, Genetics, Internal Medicine, Pediatrics, Sports Medicine

## CONFERENCE LANGUAGE

English is the official language.  
For minicourses Italian/English translation will be provided



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