Scientific Program

8th Global Cardiologists & Echocardiography Annual Meeting
Berlin, Germany  July 18-20, 2016
### Scientific Program

**Day 1  July 18, 2016**

#### Emporio II

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:00-08:30</td>
<td>Registrations</td>
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<tr>
<td>08:30-08:50</td>
<td>Opening Ceremony</td>
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**Keynote Forum**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker &amp; Institution</th>
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<tbody>
<tr>
<td>08:50-09:00</td>
<td>Introduction</td>
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<tr>
<td>09:00-09:30</td>
<td>Raimund Erbel, University Duisburg-Essen, Germany</td>
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<tr>
<td>09:30-10:00</td>
<td>Jens Frahm, Max-Planck-Institut für biophysikalische Chemie, Germany</td>
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<tr>
<td>10:00-10:30</td>
<td>Guy Hugues Fontaine, Université Pierre et Marie Curie, France</td>
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**Group Photo:** 10:30-10:40

**Video Presentation and Book Launch by Manuela Stoicescu, Oradea University, Romania**

Networkig and Refreshments Break @ Main Lobby 10:40-11:00

**Track 1: Cardiologists**

**Track 2: Pediatric Cardiology**

**Track 3: Heart Diseases**

**Session Chair:** Marco Picichè, San Camillo-Forlanini Hospital, Italy

**Session Co-chair:** Robert Skalik, Medical University of Wroclaw, Poland

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<tbody>
<tr>
<td>11:00-11:20</td>
<td>Ten year performance of the 4.1 French, lumenless, catheter-delivered pacing lead among patients with and without congenital heart</td>
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<tr>
<td>11:20-11:40</td>
<td>Surgical approach to heart valve infective endocarditis complicated by abscess: A single center experience</td>
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<tr>
<td>11:40-12:00</td>
<td>Which type of stem cells and what method for implantation should be preferred in pediatric cardiology</td>
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<tr>
<td>12:00-12:20</td>
<td>History of development of pediatric cardiology</td>
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<td>12:20-12:40</td>
<td>Functional morphology of the heart calls for a revised circulation model</td>
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<td>12:40-13:00</td>
<td>Impact of hypercholesterolemia on cardiac K+ channels</td>
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<tr>
<td>13:00-13:20</td>
<td>Correlation between the plasma fibrinogen concentration and coronary heart disease severity in Moroccan patients with type 2 diabetes</td>
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**Lunch Break @ Element I+II Restaurant 13:20-14:00**

Special Session on Personalized e-healthcare in the connected world – The applications and use cases of new emerging technology by Robert Skalik, Medical University of Wroclaw, Poland @14:00-14:40

<table>
<thead>
<tr>
<th>Track 1: Cardiologists</th>
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<tr>
<th>Time</th>
<th>Title</th>
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<tbody>
<tr>
<td>14:40-15:00</td>
<td>An update on the management of Alagille syndrome</td>
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<td>15:00-15:20</td>
<td>Study of the relation between serum testosterone level and carotid atherosclerosis in elderly males</td>
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<tr>
<td>15:20-15:40</td>
<td>The role of thestellate ganglion block in heart diseases</td>
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**Symposium on** Myocarditis and Inflammatory Cardiomyopathies - Diagnosis and Treatment

<table>
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<tr>
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<tbody>
<tr>
<td>15:40-16:40</td>
<td>The need of personalized medicine and specific treatment in inflammatory cardiomyopathy to improve prognosis</td>
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**Conference Series LLC**
Networking and Refreshments Break @ Main Lobby 16:40-16:50

**Session Chair: Fabiola B Sozzi, University of Milan, Italy**

16:50-17:10  **Cardiac magnetic resonance imaging for coronary artery disease**  
Fabiola B Sozzi, University of Milan, Italy

17:10-17:30  **Echocardiography approach to childhood Pulmonary Hypertension. What is the best way for initial assessment?**  
Andreas C Petropoulos, Azerbaijan State Medical University, Azerbaijan

17:30-17:50  **A new technic for patient safety: A (aortic) mode TEE**  
Baris Cankaya, Marmara University Hospital, Turkey

17:50-18:10  **Prevention of diabetic cardiomyopathy in pediatrics**  
Osama A Tolba El Razaky, Tanta University, Egypt

**Panel Discussion**

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**Day 2  July 19, 2016**  
**Emporio II**

**Keynote Forum**

09:00-09:25  **Roland Hetzer**, Former Medical Director, German Heart Institute Berlin, Germany

**Track 4: Interventional Cardiology**  
**Track 5: Echocardiography**  
**Track 6: Heart and Blood Vessel Surgeries**

**Session Chair: Almasri H Hatem, Specialized Heart Center KAMC, Saudi Arabia**

09:25-09:45  **Echocardiographic methods for preclinical detection of diabetic heart disease and in cardio-oncology**  
Bernhard Mumm, TOMTEC Imaging Systems, Germany

09:45-10:05  **PACU update: The cardiac patient undergoing non-cardiac surgery**  
A D John, Johns Hopkins University School of Medicine, USA

Networking and Refreshments Break @ Main Lobby 10:05-10:15

10:15-10:35  **The use of strain imaging in detection and management of patients with early cardiomyopathy: Focus on diabetic cardiomyopathy**  
Issam A Mikati, Northwestern University Chicago, USA

10:35-10:55  **Cardiac rupture in Takotsubo cardiomyopathy**  
Alfredo E Rodríguez, Centro de Estudios en Cardiología Intervencionista, Argentina

10:55-11:15  **Early fetal echocardiography for congenital heart disease detection: A preliminary experience and outcome analysis of 102 fetuses to demonstrate the value of a clinical flow-chart designed for at-risk pregnancy management**  
Flavia Ventriglia, Sapienza University of Rome, Italy

11:15-11:35  **The evolution of surgical myocardial revascularization**  
Marco Picchê, San Camillo-Forlanini Hospital, Italy

11:35-11:55  **Screening of athletes – Should we go beyond standard electrocardiogram?**  
Robert Skalik, Wroclaw Medical University, Poland

**Workshop on Stress echocardiography: Clinical value and prognosis by Fabiola Sozzi, University of Milan, Italy @ 11:55-12:40**

**Lunch Break @ Element I+II Restaurant 12:40-13:25**

**Workshop on "Electrogenesis of Epsilon wave - A comprehensive review of this new ECG waveform" by Guy Hugues Fontaine, Université Pierre et Marie Curie, France @ 13:25-14:15**

**Keynote Forum**

14:15-15:00  **Ada Yonath**, Weizmann Institute of Science, Israel

**Track 4: Interventional Cardiology**  
**Track 5: Echocardiography**  
**Track 6: Heart and Blood Vessel Surgeries**

15:00-15:20  **Contractility (dP/dt-max)-guided determination of resynchronization pacing therapy for heart failure among patients with congenital heart**  
Peter P Karpawich, The Children’s Hospital of Michigan, USA

15:20-15:40  **Coronary artery reconstruction with internal mammary artery and vein patch grafting with or without endarterectomy**  
Almasri H Hatem, Specialized Heart Center KAMC, Saudi Arabia
15:40-16:00  Modifying syntax score according to PCI strategy: Lessons learnt from ERACI IV study
Alfredo E Rodriguez, Centro de Estudios en Cardiología Intervencionista, Argentina
Role of 2-dimensional speckle tracking echocardiography in diagnosis of coronary artery disease instable angiography patients
Ehab E El-Hefny, Al-Azhar University, Egypt
Three dimensional right ventricle function
Krasimira Hristova, National Heart Hospital, Bulgaria

16:00-16:20  Role of 2-dimensional speckle tracking echocardiography in diagnosis of coronary artery disease instable angina pectoris patients
Ehab E El-Hefny, Al-Azhar University, Egypt

16:20-16:40  Three dimensional right ventricle function
Krasimira Hristova, National Heart Hospital, Bulgaria

Networking and Refreshments Break @ Main Lobby 16:40-16:50

Symposium on The antagonistic Structure and Function of the Heart Muscle
The ventricular mass is structured to function as an antagonistic system
Paul Peter Lunkenheimer, University of Muenster, Germany
The architecture of the mammalian left ventricle: Similarity with a bird’s nest?
Peter F Niederer, ETH Zurich, Switzerland
Structure-function relationship in myocardial sub-structures
Morten Smerup, Copenhagen University Hospital, Denmark

16:50-18:50  MRI-3D-tagging insight into beta-blocker pharmaco-dynamics on the left ventricle supports theory of inner antagonism
Boris Schmitt, Deutsches Herzzentrum Berlin, Germany
The automatic framework for quantitative 3D myocardial structure analysis
Christoph Brune, University of Twente, The Netherlands
The structural heterogeneity of the cardiac mesh revealed by high-resolution micro-CT
Robert Stephenson, University of Central Lancashire, UK

Day 3  July 20, 2016
Emporio II
Track 7: Cardiac Nursing
Track 8: Heart Failure
Track 9: Diabetes and the Heart

Session Introduction
Session Chair: Andreas C Petropoulos, Azerbaijan State Medical University, Azerbaijan

10:00-10:20  Sudden unexpected death in young athlete
Brojendra Agarwala, University of Chicago Medicine Comer Children’s Hospital, USA
Neglected mechanisms of cardiopulmonary capacity in health and heart failure- Why brain and heat stress really matter?
Robert Skalik, Wroclaw Medical University, Poland

10:20-10:40  Functional capacity is an independent predictor of mortality in heart failure patients with low ejection fraction
Rohit M Sane, Madhavbaug Cardiac Rehabilitation Centre, India

Networking and Refreshments Break @ Main Lobby 11:00-11:15

11:15-11:35  Swiprosin – How cardiomyocytes can reorganize their sarcomeres and couple remodeling to β-adrenoceptor desensitization
Klaus-Dieter Schlüter, Justus-Liebig University Giessen, Germany
The genetic aspect of human heart development in aspect of prenatal diagnosis
Krzysztof Piotrowski, Pomeranian Medical University, Poland

11:35-11:55  TEE monitoring TAVI can predict in procedure complications that allow early management for favorable outcome, KFAFH experience
Youssef Fathy Mohamed Nosir, King Fahad Armed Forces Hospital, Saudi Arabia
Treatment of heart failure in childhood strategies presented in the 2014 guidelines by ISHLT
Andreas C Petropoulos, Azerbaijan Medical University, Azerbaijan

12:15-12:35  Comparative study between the degree of coronary artery stenosis estimated by coronary intervention and extent of calcium score estimated by multislice CT in Egyptian patients with low and intermediate calcium scores
Ehab E El-Hefny, Al-Azhar University, Egypt

Lunch Break @ Element I+II Restaurant 12:55-13:40

13:40-14:00  Serum total osteocalcin level as a vascular marker in elderly patients with metabolic syndrome
Nany Hassan Abu Al-Makarim El Gayar, Alexandria University, Egypt

14:00-14:20  Balloon mitral valvotomy in youngest rheumatic mitral stenosis patient
Shailkesh Kumar Pati, Fabiani & Budhrani Heart Institute, India

14:20-14:40  MINI-OPCABG an alternative to hybrid coronary revascularization
Vincenzo Cianci, University of Swansea, UK
The correlation between speckle tracking echocardiography and coronary artery disease in patients with suspected stable angina pectoris
Shaimaa Moustafa, Benha University, Egypt

Young Researchers Forum

Survival analysis and postoperative complications after ventricular assist device implantation, prognostic value of INTERMACS scale
Ahmed A, University Hospital of Essen, Germany

The role of NTproBNP in predicting prognosis and cardiovascular events in patients with heart failure
Adriana Tamburello, University Hospital “Paolo Giaccone”, Italy

The role of cardiac high energy phosphate metabolism in cardiac function and performance: The impact of age
Maria Nathania, Newcastle University, UK

Cardiac resynchronisation therapy
Naresh Sen, Narayana Hrudyalaya Institute of Medical Science, India

Value of neutrophil to lymphocyte ratio as a predictor of mortality in patients with heart failure with preserved ejection fraction
Zaid Altheeb, New York Medical College, USA

The behavior of cardiac necrosis biomarkers in patients without myocardial infarction after on-pump surgical revascularization. A study of cardiac magnetic resonance imaging
Fernando Oikawa, Brazil

Networking and Refreshments Break @ Main Lobby 16:30-16:45

Closing Ceremony

Poster Presentations Day 2 @ 16:50-17:10

P1 Sengers syndrome-A rare cause of hypertrophic obstructive cardiomyopathy
Manjusha Hira, Watford General Hospital, UK

P2 Left ventricular pseudo-aneurysm in a patient with undocumented MI and no past cardiac surgery
Ryan M Monti, Mountainside Hospital, USA

P3 Lifestyle intervention with integrated medicine in primary and secondary prevention for common cardiovascular disorders
Sonal Tanwar, Rajasthan University of Health Science, India

P4 Platelet reactivity unit in predicting risk of bleeding in patients undergoing coronary artery bypass graft surgery
Zaid Altheeb, New York Medical College, USA

P5 Study of prevalence, clinical presentation and risk factors in patients with coronary slow flow
Shailesh Kumar Patil, Fabiani & Budhrani Heart Institute, India

P6 Comparison of thyroid stimulating hormone level and PR interval in hypothyroid patients being treated with levothyroxine
Zaid Altheeb, New York Medical College, USA

P7 A systemic review: Relation between diet and cardiovascular risk factors
Deepak Singh Bais, Tongji University School of Medicine, China

P8 Congenital aneurysm in the Mitral-Aortic Intervallvlar fossa in a 7-year old
Nandita Sharma, Penn State Hershey Milton S. Center, USA