Scientific Program

CME Credits Accredited by Spanish Society of Cardiology Accreditation Committee (CASEC)
CPD Accredited by CPD Standards Office, UK

8th Global Cardiologists Annual Meeting
Berlin, Germany  July 18-20, 2016

Theme: New Research and Inventions in the Field of Cardiology

International Collaborators

Conference Secretariat
5716 Corsa Ave., Suite 110, West Lake, Los Angeles, CA 91362-7354, USA
Email: cardiologists@insightconferences.com, rohit.casper@conferenceseries.com

http://annualmeeting.conferenceseries.com/cardiologists
Welcome Messages

Welcome Message
Cardiologists 2016

Dear Colleagues, Scientists and Friends,

It is a pleasure and privilege to invite you to our 8th Global Cardiologists Meeting which is to be held during July 18-20, 2016 in the capital of Germany, Berlin 2016.

Cardiovascular -specialized physicians and scientists from all over the world are invited to Berlin in 2016 to present the new research and inventions. From prevention to optimal care the whole range of cardiovascular disease will be presented with world-class professors and scientists as well as health care professionals.

The goal will be to demonstrate recent development in prevention, cardiovascular risk prediction based on genetic and traditional risk factors. The role of new and established biomarkers of subclinical and/or clinical atherosclerosis but also of heart failure, myocarditis, aortic and peripheral arterial diseases will be discussed.

The imaging techniques are providing new insights in the pathogenesis of cardiovascular diseases, so that the role in the diagnostic and therapeutic work-up of cardiovascular diseases will in the focus of the congress.

Three dimensional imaging and new computer-based techniques allow a better insight into the structure of the heart which stimulates the design of new therapeutic options for structural heart diseases like the catheter based implantation of heart valves leading to a more interventionally than surgically based treatment.

Cardiovascular diseases include also aortic and pulmonary artery diseases, for which new concepts of not only medical but also interventional and/or surgical approaches have been developed.

The care for patients with arrhythmias has received a lot of attention due to the big steps in the direction of sophisticated ablation techniques based on three-dimensional reconstruction imaging. The role of electrophysiology in the field will be central part of the congress.

The congress will provide enough space for discussion, meetings and workshops in order to allow a close contact between speakers and visitors.

Raimund Erbel
Founder
West-German Heart Center
Germany
Welcome Message

Dear Colleagues,

On behalf of the Organizing Committee, I am delighted to welcome all the delegates to the 8th Global Cardiologists Annual Meeting, to be held in July 18–20, 2016 (Berlin, Germany). Cardiology is confronting a time of many changes and we’re meeting these changes during a time of larger nation-wide and global change. The world of research and innovations is a particularly exciting area in which to work, and we’ll continue to meet and bring inspired people together in forums like this, to ensure Cardiology remains at the cutting edge.

We’re continuously transforming the way we operate to improve our ability to enhance care for our patients and save ever more lives. Researchers and practitioners working in the field of Cardiology have continued to meet the challenges of our field and to excel despite setbacks. We should all be very proud of where we are today and excited about where we are headed.

This Meeting is going to give participants a platform to exchange ideas, discover novel opportunities, re-acquaint with colleagues, meet new friends, and broaden their knowledge.

Let’s leverage this unique opportunity to share the best practices in the field of Cardiology and Cardiovascular care while immersing ourselves in the newest technologies and latest advances in regenerative medicine. Let this undertaking strengthen our peer-to-peer bonds, opening up the ways for fresh and fruitful collaborations.

I look forward to meeting you and assure that you will have engaging, exciting and memorable experience on your participation during the Meeting.

Aris Lacis
Professor
Clinic of Paediatric Cardiology
Cardiac Surgery Clinic at University Children’s Hospital, Riga, Latvia
Vice-president of the Latvian Society for Cardiovascular Surgery
President of the Latvian Association for Paediatric Cardiologists
### Organizing Committee Members:

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raimund Erbel</td>
<td>University Clinic Essen</td>
<td>Germany</td>
</tr>
<tr>
<td>Ulf Landmesser</td>
<td>Charité - Universitätsmedizin Berlin</td>
<td>Germany</td>
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<tr>
<td>Andrea Natale</td>
<td>Texas Cardiac Arrhythmia Institute</td>
<td>USA</td>
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<tr>
<td>Flavia Ventriglia</td>
<td>Sapienza University</td>
<td>Italy</td>
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<tr>
<td>Roland Hetzer</td>
<td>Formerly German Heart Institute</td>
<td>Germany</td>
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<tr>
<td>Jens Frahm</td>
<td>Biomedizinische NMR Forschungs GmbH</td>
<td>Germany</td>
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<tr>
<td>Paul Lunkenheimer</td>
<td>University of Munster</td>
<td>Germany</td>
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<tr>
<td>Aris Lasic</td>
<td>University Children’s Hospital, Riga</td>
<td>Latvia</td>
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<tr>
<td>NoémiCsászár-Nagy</td>
<td>National Center for Spinal Disorders</td>
<td>Hungary</td>
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<tr>
<td>Galya N Atanasova</td>
<td>Medical University, Bulgaria</td>
<td>Bulgaria</td>
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### Student Ambassadors

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Natasa Chrysodonta</td>
<td>University of Bristol</td>
<td>UK</td>
</tr>
<tr>
<td>Manjusha Hira</td>
<td>Watford General Hospital</td>
<td>UK</td>
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### Preliminary Scientific Program

#### Day-1

The order of presentation of papers and reports in the preliminary program is tentative, however scheduling in the final program will remain approximately the same.

#### Opening Ceremony  8:30am - 9:00am

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Raimund Erbel</td>
<td>West-German Heart Center, Germany</td>
</tr>
<tr>
<td>09:30</td>
<td>Jens Frahm</td>
<td>Biomedizinische NMR Forschungs GmbH, Germany</td>
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</table>

**Coffee Break @ 10:00-10:15**

#### Keynote Presentations

<table>
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<tr>
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<td>Raimund Erbel</td>
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<td>Jens Frahm</td>
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#### Speakers Presentations

<table>
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<tbody>
<tr>
<td>10:15-10:35</td>
<td>Marco Piciche, San Camillo Hospital Rome, Italy</td>
<td>San Camillo Hospital Rome, Italy</td>
<td>The evolution of surgical myocardial revascularization</td>
</tr>
<tr>
<td>10:35-10:55</td>
<td>Irena Levitan, University of Illinois at Chicago, USA</td>
<td>University of Illinois at Chicago, USA</td>
<td>Impact of hypercholesterolemia on cardiac K⁺ channels</td>
</tr>
<tr>
<td>10:55-11:15</td>
<td>Aris Lacis, University Children’s Hospital, Latvia</td>
<td>University Children’s Hospital, Latvia</td>
<td>Which type of stem cells and what method for implantation should be preferred in paediatric cardiology</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Paul Peter Lunkenheimer, University Hospital Münster, Germany</td>
<td>University Hospital Münster, Germany</td>
<td>The ventricular mass is structured to function as an antagonistic system</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Galya N. Atanasova, Medical University Pleven, Bulgaria</td>
<td>Medical University Pleven, Bulgaria</td>
<td>Mean arterial pressure as a component of metabolic syndrome</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Govindan Vijayaraghavan, Kerala Institute of Medical Sciences, India</td>
<td>Kerala Institute of Medical Sciences, India</td>
<td>Role of high sensitive troponin t and n-terminal Pro BNP in assessing the pathophysiology and prognosis in sepsis</td>
</tr>
</tbody>
</table>

**Lunch Break @ 12:15-13:15**

<table>
<thead>
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<th>Time</th>
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</thead>
<tbody>
<tr>
<td>13:15-13:35</td>
<td>Hisham A Ben Lamin, Clinical Cardiologist, Spain</td>
<td>Clinical Cardiologist, Spain</td>
<td>High risk pregnancies and future cardiovascular diseases</td>
</tr>
<tr>
<td>13:35-13:55</td>
<td>PT Suhail, Kerala Institute of Medical Sciences hospital, India</td>
<td>Kerala Institute of Medical Sciences hospital, India</td>
<td>Role of high sensitive troponin t and n-terminal pro bnp in assessing the pathophysiology and prognosis in sepsis associated myocardial dysfunction</td>
</tr>
</tbody>
</table>
### Day-2

#### Keynote Presentations

<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Affiliation</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:30</td>
<td>Roland Hetzer</td>
<td>Formerly German Heart Institute, Germany</td>
<td></td>
</tr>
<tr>
<td>09:30-10:00</td>
<td>Andrea Natale</td>
<td>Texas Cardiac Arrhythmia Institute, USA</td>
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#### Speakers Presentations

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>10:15-10:35</td>
<td>Aldo Pietro Maggioni</td>
<td>ANMCO Research Center, Italy</td>
<td>The real world evidence of heart failure: A model of epidemiological research using of administrative big databases.</td>
</tr>
</tbody>
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#### Special Session

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<tr>
<th>Time</th>
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<th>Affiliation</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:15-17:15</td>
<td>Robert Skalik</td>
<td>Medical University of Wroclaw, Poland</td>
<td>Personalized e-healthcare in the connected world – the applications and use cases of new emerging technology</td>
</tr>
</tbody>
</table>

Coffee Break @ 15:55-16:15

Coffee Break @ 10:00-10:15
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker and Location</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:35-10:55</td>
<td>Noemi Csaszar-Nagy, National Center for Spinal Disorders, Hungary</td>
<td>Psychological conditions, examination and evaluation of suitability for heart transplantation</td>
</tr>
<tr>
<td>10:55-11:15</td>
<td>Robert Skalik, Medical University of Wroclaw, Poland</td>
<td>Neglected mechanisms of cardiopulmonary capacity in health and heart failure - Why brain and heat stress really matter?</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Amballur David John, Johns Hopkins University School of Medicine, USA</td>
<td>The cardiac patient undergoing non-cardiac surgery</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Flavia Ventriglia, Sapienza University, Italy</td>
<td>Early fetal echocardiography: Early congenital heart diseases detection in a experienced fetal cardiology project</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Alfredo Rodriguez, Sanatorio Otamendi hospital, Argentina</td>
<td>Cardiac rupture in takotsubo cardiomyopathy</td>
</tr>
<tr>
<td>12:15-13:15</td>
<td>Lunch Break</td>
<td></td>
</tr>
<tr>
<td>13:15-13:35</td>
<td>Mohamed Ahmed-Nasr, National Heart Institute, Egypt</td>
<td>Emergency surgery for cardiac valve prostheses obstruction Experience of a teaching hospital institution</td>
</tr>
<tr>
<td>13:35-13:55</td>
<td>Ahmed A, University Hospital of Essen, Germany</td>
<td>Survival analysis and postoperative complications after ventricular assist device implantation; prognostic value of intermacs scale</td>
</tr>
<tr>
<td>13:55-14:15</td>
<td>Govindan Vijayaraghavan, Kerala Institute of Medical Sciences, India</td>
<td>Septic myocarditis is mainly due to cardiac failure without significant myocardial necrosis</td>
</tr>
<tr>
<td>14:15-14:35</td>
<td>Rohit Sane, Madhavbaug Cardiac Rehabilitation Centre, India</td>
<td>Functional capacity is an independent predictor of mortality in heart failure patients with low ejection fraction</td>
</tr>
<tr>
<td>14:35-14:55</td>
<td>Svetlana Reilly, University of Oxford, UK</td>
<td>Atrial-specific upregulation of microRNA-31 depletes dystrophin and neuronal nitric oxide synthase (nNOS), and leads to electrical remodelling in human atrial fibrillation</td>
</tr>
<tr>
<td>14:55-15:15</td>
<td>Robert Skalik, Medical University of Wroclaw, Poland</td>
<td>Acute aortic dissection - Relevance of hemostatic parameters for diagnostic process</td>
</tr>
<tr>
<td>15:15-16:15</td>
<td>Guy Hugues Fontaine, Université Pierre et Marie Curie, France</td>
<td>Electrogenesis of Epsilon wave - a comprehensive review of this new ECG waveform</td>
</tr>
<tr>
<td>15:55-16:15</td>
<td>Coffee Break</td>
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</tr>
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Symposium

16:15-17:15
Paul Lunkenheimer, Emeritus Professor, University of Munster and his team
Title: Antagonism

Poster Presentations @ 17:15-18:00

Day-3
Speakers Presentations

09:00-09:20
Ami Aronheim, The B. Rappaport Faculty of Medicine, Israel
Title: ATF3 expression in cardiomyocytes preserves homeostasis in the heart and controls peripheral glucose tolerance

09:20-09:40
Robert Skalik, Medical University of Wroclaw, Poland
Title: Screening of athletes should we go beyond standard electrocardiogram?

09:40-10:00
Alfredo Rodriguez, Sanatorio Otamendi Hospital, Argentina
Title: Modifying syntax score according PCI strategy: Lessons learnt from eracl IV study

10:00-10:20
Kleber Martins, Sao Lucas and Primavera Hospital, Brazil
Title: A randomized trial of creatine-kinase leak after rosuvastatin in elective Percutaneous Coronary Intervention (clear-PCI)

Coffee Break @ 10:20-10:35

10:35-10:55
Naresh Sen, Narayana Hrudayalaya Institute of Medical Science, India
Title: Cardiac resynchronisation therapy

10:55-11:15
Ersel Onrat, Afyon Kocatepe University, Turkey
Title: The new aspects in atrial fibrillation pathophysiology and treatment

11:15-11:35
Nany Hassan Abu Al-Makarim El Gayar, Alexandria University, Egypt
Title: Serum total Osteocalcin level as a vascular marker in elderly patients with metabolic syndrome

11:35-11:55
Manjusha Hira, Watford General Hospital, UK
Title: Sengers syndrome-A rare cause of hypertrophic obstructive cardiomyopathy

11:55-12:15
Ahmed Elgohary, Zagazig University, Egypt
Title: Patterns of left ventricular global longitudinal strain in diabetic patients by speckle tracking imaging

12:15-12:35
Janardhana Rao Babburi, Apollo Heart Institute Hyderabad, India
Title: Two case reports of ppi lead repeatedly entering into the azygos vein during an attempt of ppi in cases of complete heart block (chb).

Lunch Break @ 12:35-13:35

Award Ceremony
**Keynote Speech on**

**Cardiac Resynchronisation: State of the Art**

Prof. Bela Merkely  
Past President of the Hungarian Society of Cardiology  
Past President of the Hungarian Heart Rhythm Association

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**Keynote Speech on**

**Improved cardiovascular risk prediction using signs of atherosclerosis - Lessons from the Heinz Nixdorf Recall study and Multi-ethnic study of atherosclerosis**

Raimund Erbel  
West German Heart Center, Germany

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**Keynote Speech on**

**Cardiovascular MRI in real time**

Jens Frahm  
Director, Biomedizinische NMR Forschungs GmbH  
Max-Planck-Institute for Biophysical Chemistry, Germany

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**Keynote Speech on**

**Ablative therapies for Atrial Fibrillation**

Andrea Natale  
Medical Director  
Texas Cardiac Arrhythmia Institute  
USA

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**Keynote Speech on**

**End-stage Heart Failure**

Roland Hetzer  
Former Medical Director  
German Heart Institute, Berlin  
Germany
**Workshop**

**Workshop on**

*Electrogenesis of Epsilon wave - a comprehensive review of this new ECG waveform*

**Guy Hugues Fontaine**

*Université Pierre et Marie Curie, France*

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**Special Session**

**Special Session on**

*Personalized e-healthcare in the connected world – the applications and use cases of new emerging technology.*

**Robert Skalik**

*Medical University of Wrocław, Poland*

*DIPMED LTD. E-Medicine Technology, Wrocław, Poland*

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**Symposium**

**Symposium on**

*The Antagonistic Structure and Function of the Heart Muscle*

- **Paul Lankenheimer**  
  *University of Muenster, Germany*
- **Morten Sorensen**  
  *Copenhagen University Hospital, Denmark*
- **Peter F Niederer**  
  *Institute of Biomedical Engineering, Switzerland*
- **Christopher Brune**  
  *University of Twente, Netherlands*
- **Boris Schmitt**  
  *Deutsches Herzzentrum Berlin, Germany*
- **Robert S Stephenson**  
  *University of Central Lancashire, UK*
Cardiologists 2016

- Opportunity to attend the presentations delivered by eminent scientists from all over the world
- Selected contributions will be published in following OMICS International Journals
  - Journal of Clinical & Experimental Cardiology
  - Journal of Cardiovascular Diseases & Diagnosis
  - Cardiovascular Pharmacology: Open Access
- Participation in sessions on specific topics on which the conference is expected to achieve progress
- Global networking: In transferring and exchanging Ideas
- Conference brings together Academic & Industry experts, Scientific Researchers, Students and Entrepreneurs.
Berlin is the capital of Germany, and one of the 16 states of Germany. Berlin is situated in north eastern Germany, in an area of low-lying marshy woodlands with a mainly flat topography, part of the vast Northern European Plain which stretches all the way from northern France to western Russia. With a population of 3.5 million people. Berlin is Germany’s largest city. It is the second most populous city proper and the seventh most populous urban area in the European Union. Located in north eastern Germany on the banks of Rivers Spree and Havel, it is the centre of the Berlin-Brandenburg Metropolitan Region, which has about six million residents from over 180 nations. Due to its location in the European Plain, Berlin is influenced by a temperate seasonal climate. Around one-third of the city’s area is composed of forests, parks, gardens, rivers and lakes. Berlin has a Maritime temperate climate according to the Köppen climate classification system. There are significant influences of mild continental climate due to its inland position, with frosts being common in winter.

Berlin is a world city of culture, politics, media, and science. Its economy is based on high-tech firms and the service sector, encompassing a diverse range of creative industries, research facilities, media corporations, and convention venues. Berlin serves as a continental hub for air and rail traffic and has a highly complex public transportation network. The metropolis is a popular tourist destination. Significant industries also include IT, pharmaceuticals, biomedical engineering, clean tech, biotechnology, construction, and electronics.

Venue:
Courtyard Berlin City Center
Axel-Springer-Straße 55
10117 Berlin,
Germany