Preliminary PROGRAM

Tufts University Medical Center, Boston, USA,
Hoag Hospital, Newport Beach, USA and
Elisabethinen Hospital, Linz, Austria

Present the 14th International Symposium

Echocardiography Today and Tomorrow

Advanced Echocardiography
with Illustrative Case Studies
by a Panel of Distinguished International Faculty

October 05 – 08, 2019

Conference Center
ST. WOLFGANG (near Salzburg), Austria

Symposium Directors:
Natesa G. Pandian and H. Joachim Nesser

Co-Director:
Thomas Binder

Web Home Page: www.cardiology.co.at

Abstracts on original research or clinical case studies will be considered for poster presentation; the best abstracts will be published in “Proceedings of 2019 St. Wolfgang Echocardiography Conference”
### Faculty

#### USA
- Anthony Caffarelli  
  Newport Beach
- Gerard P. Aurigemma  
  Worcester
- Frederick Cobey  
  Boston
- Y. Chandrashekhar  
  Minneapolis
- Mehak Dhande  
  Boston
- Madhavi Kadiyala  
  New York
- Burkhard Mackensen  
  Seattle
- Rekha Mankad  
  Rochester
- Sunil Mankad  
  Rochester
- Natesa G. Pandian  
  Newport Beach
- Alamelu Ramamurthi  
  Boston
- Muhamed Saric  
  New York
- Robert Siegel  
  Los Angeles

#### MEXICO
- Antonio Arias Godinez  
  Mexico City

#### EUROPE
- Luigi Badano  
  Italy
- Rolf Baumann  
  Germany
- Thomas Binder  
  Austria
- Elena Cavarretta  
  Italy
- Antonietta Evangelista  
  Italy
- Christian Ebner  
  Austria
- Francesco Faletra  
  Switzerland
- Gerald Maurer  
  Austria
- Alberto Milan  
  Italy
- Mark Monaghan  
  UK
- Bernhard Mumm  
  Germany
- Hans Joachim Nesser  
  Austria
- Petros Nihoyannopoulos  
  UK
- Maurizio Parato  
  Italy
- Elif Sade  
  Turkey
- Fabiola Sozzi  
  Italy
- Regina Steringer-Mascherbauer  
  Austria
- Jose Angel Urbano Moral  
  Spain
October 05, Saturday

Session

Presiding:

Innovations - We have them, How to Use Them Optimally

• 3D Echo
• Speckle-Derived Strain Imaging
• Fusion Imaging
• Augmented Reality
• 3D Printing

Session

Presiding:

Back to Basics - Many Decades in Practice but Mistakes Still Made, How to Avoid Them

• 2D Echo, Doppler, TEE: How to Do an Optimal Exam and Interpret Accurately
• Echo Artefacts – Let Us Play a Game
• Stress Echo for Valve Disease

Special Session Wet Lab

Anatomy of Cardiac Valves and Related Structures – Anatomic Dissection and Illustration

By Dr. Anthony Caffarelli

Session

Presiding:

Stefano DeCastro Oration

Valve Disease in Current Era I

• Aortic Stenosis – Severity Assessment in different cohorts
• Echo Guidance for TAVR
• Mitral and Tricuspid Stenosis – Severity Assessment
• Echo Guidance for Treatment
• Mitral Regurgitation – Quantitation and Echo Anatomic Details
• 3D Road Map for Anatomy and Guidance
• Guidance for Transcatheter Approaches
Valve Disease in Current Era II

- Aortic Regurgitation
- Echo Assessment of AR Mechanisms and Severity
- Tricuspid Regurgitation: When to Intervene?
- 3D Road Map of TV Anatomy and Guidance for TTVR
- Combined Lesions, How to Assess Individual Severity, When Transcatheter Treatment?, When Surgery?

October 06, Sunday

Let us go to the Operating Theater

- Modern Approaches to MV Repair
- What do you need to know before surgery?
- MV Repair Techniques in the Current Era
- What do you look for after surgery?
- Repairable Trileaflet and Bicuspid Aortic Valves and Dilated Aorta
- What do you need to know before surgery?
- Surgical Repair Techniques: When to Spare, When to Repair, When to Replace
- What do you look for after surgery?

Valve Diseases Beyond the Usual Pathology

- Systemic Disorders, Radiation-Induced, Part of Cardiomyopathies

Endocarditis, Prosthetic Valves

- Endocarditis – All Bugs Are Not the Same
• Spectrum of cases and Impact of Echo Findings
• Patient-Prosthesis Mismatch: How to Avoid Them, How to Recognize, How to Treat
• Prosthetic Valve Dysfunction
• Prosthetic Valve Endocarditis

**Session**

**Presiding:**

**More to Transcatheter Interventions**

Echo Guidance for Transcatheter Approach for Nonvalvular Problems

**Session**

**Presiding:**

**Doppler Hemodynamics Workshop**

I Ask You Answer or You Ask I Answer

**Jos Roelandt Oration**

**Session**

**Presiding:**

**Chamber Function I**

• LV Volumes and Ejection Fraction – Errors Made and How to Avoid Them
• Diastolic LV Function – A Simplified, Common Sense Approach
• Left and Right Atrial Function – What Parameters Are Useful Clinically
October 07, Monday

Session
Presiding:

Right Heart and Pulmonary Hypertension

- 2D/3D Quantitation of RV Volumes and Ejection Fraction and Treatment Implications
- Pulmonary Embolism – Causes and Sources
- Pulmonary Hypertension: How to Avoid Errors in Quantifying PA Systolic Pressure
- Pulmonary Hypertension - Beyond PA Systolic Pressure: Other Indices of Importance
- Unilateral Pulmonary Hypertension and Rare Causes of Pulmonary Hypertension

Session
Presiding:

Ischemic Syndromes, MI Complications

- Cases and Guidance’s for Surgical and Transcatheter Treatment

Session
Presiding:

Cardiomyopathies of Varied Causes I

- Hypertrophic Cardiomyopathy – The Spectrum and Treatment Implication
- Athlete’s Heart or Something Else
- Myocarditis or Chronic CMP?
- A Fib Atrial and Ventricular CMP

Session
Presiding:

Cardiomyopathies of Varied Causes II

Dilated Cardiomyopathies from Different Mechanisms, Arrhythmogenic CMP, Transthyretin CMP, Inflammatory Disorders, Amyloidosis and Other Infiltrative/Storage Diseases, Noncompaction, Peripartum, Endomyocardial Fibrosis, Metabolic CMP, Friedreich’s Ataxia, Congenital CMP, Radiation-induced CMP, Toxic CMP, Guidance for Interventional Procedures for Heart Failure

Session
Presiding:

Meet the Editors

How to construct a clinical or scientific manuscript and Get it Published

Dr. Y. Chandrashekhar (Editor-in-Chief, JACC Cardiac Imaging)

Dr. Gerald Maurer (Editor-in-Chief, EHJ Cardiac Imaging)

Dr. Petros Nihoyannopoulos (Editor-in- Chief, Echo Research and Practice)
ECHO CONTEST

Competing Teams:

EUROPE  AMERICA  AUDIENCE

October 08, Tuesday

Session

Presiding:

Audience Case Study Competition

Session

Presiding:

Adult Congenital Heart Disease

- Obstructions
- Shunts
- Twisted Connections
- Combinations
- Operated Congenital Heart Defects
- Guidance for Interventions and Surgery

Session

Presiding: Dr. Anthony Caffarelli

Aortic Pathology

- Aortic Dissection
- Intramural Hematoma
- Penetrating Ulcers
- Aortic Masses
- Other Aortic Diseases
Session
Presiding:

**Pericardial Disorders**

- Straight Forward and Atypical Tamponade
- Constrictive Pericarditis – Straight Forward and Challenging
- Absent Pericardium, Masses and Cysts

Session
Presiding:

**Cardiac Masses**

Cases and Discussion - Clots, Tumors, Psuedo-masses, Foreign Bodies, Left-Overs

Session
Presiding:

**Contrast Echo**

Cases and Discussion - Chamber Assessment, Doppler Enhancement, Clarification of Masses, Detection of Unusual Pathology – Cases

Session
Presiding:

**FINAL CHALLENGES**

You Might Have Never Seen a Case Like this! Cases for the Road!

Adjourn