

**26 - 27 October 2012, Skopje Macedonia**

## SCIENTIFIC PROGRAM

### Friday, 26th October

- 09:30 - 10:00 Welcome, opening remarks; Introductory Lecture**
- 10:00 - 12:00 Basics in Three Dimensional Echocardiography / Chairperson: J. Grapsa, S. Kedev**
- 10:00 - 10:30 How to acquire optimal 3D data sets (D. Muraru, Padua, IT)
- 10:30 - 11:00 How to display 3D data sets (L.P. Badano, Padua, IT)
- 11:00 - 11:30 3D Echo and anatomical correlates (B. Cosyn, Liege, BE)
- 11:30 - 12:00 Coffee break
- 12:00 - 13:30 How to evaluate ventricles by 3D echo? / Chairpersons: M. Monaghan, V. Spiroska**
- 12:00 - 12:30 3D assessment of global left ventricular function (L.P. Badano, Padua, IT)
- 12:30 - 13:00 3D echo in the evaluation of ischaemia (D. Muraru, Padua, IT)
- 13:00 - 13:30 Basic 3D assessment of right ventricle geometry and function (J. Grapsa, London, UK)
- 13:30 - 14:30 Lunch
- 14:30 - 16:00 Implementation of 3D in clinical practice Hands on session with vendor specific software / (GE Healthcare)**
- 16:00 - 17:30 3D echo assessment of the mitral valve and LA / Chairpersons: L.P.Badano, E. Srbinovska Kostovska**
- 16:00 - 16:30 Left atrium and atrial appendage (D. Muraru, Padua, IT)
- 16:30 - 17:00 3D assessment of the mitral valve (L.P. Badano, Padua, IT)
- 17:00 - 17:30 Quantification of the mitral regurgitation severity (B. Cosyn, Liege, BE)
- 17:30 - 18:00 Coffee break
- 17:30-18:30 3D echo - additional information in assessing specific cardiac diseases / Chairpersons: D. Muraru, M. Otljanska**
- 17:30 - 18:00 3D evaluation of the aortic valve (D. Muraru, Padua, IT)
- 18:00 - 18:30 Right side valves assessment - what does 3D echo add (L.P. Badano, Padua, IT)
- 18:30 - 19:00 3D in congenital heart diseases (J. Grapsa, London, UK)
- 19:00- 20:00 Symposium organized by Philips  
Gala Dinner**

### Saturday, 27th of October

- 09:30-11:00 Basics of Myocardial Deformation Imaging / Chairpersons: L.P. Badano, T. Edvardsen**
- 09:30 - 10:00 2D strain and strain rate - how to describe function? From the fibre function to deformation rate (B. Cosyn, Liege, BE)
- 10:00 - 10:30 How to measure deformation (P. Sogaard, Copenhagen, DK)
- 10:30 - 11:00 Fundamentals of 2d Strain speckle tracking - Can speckle tracking echocardiography provide additional clinical information? (T. Edvardsen, Oslo, NO)
- 11:00 - 11:15 Coffee break
- 11:15 - 12:45 Myocardial Deformation Imaging of the Ischemic Left Ventricle /Chairpersons: P.Sogaard,Lj.Georgievska Ismail**
- 11:15 - 11:45 How does deformation relate to contractility and myocardial function (T. Edvardsen, Oslo, N)
- 11:45 - 12:15 Hypokinesia and post-systolic shortening - The art to diagnose ischemic substrates (P. Sogaard, Copenhagen, DK )
- 12:15 - 12:45 Deformation imaging in ischemic cardiomyopathy (J. Separovic Hanzevacki, CRO)
- 12:45 - 13:00 Coffee break
- 13:00 - 14:00 Benefits of Myocardial Deformation Imaging in Valve Assessment /Chairpersons: J. Separovic Hanzevacki, S.Jovanova**
- 13:00 - 13:30 Analysing deformation to assess myocardial function in valve regurgitation (G. Habib,Marseille FR)
- 13:30 - 14:00 Changes of regional deformation in hypertension and Aortic stenosis (G. Habib, Marseille, FR)
- 14:00 - 15:00 Lunche on Symposium: Clinical cases / (GE Healthcare)**
- 15:00 - 15:15 Coffee break
- 15:15 - 17:00 Advanced Echo techniques in Clinical Practice /Chairpersons: G. Habib, B. Cosyns**
- 15:15 - 15:45 How and why to assess dyssynchrony by strain? (P. Sogaard, Copenhagen, DK)
- 15:45 - 16:15 Automated functional Imaging - a tool for the daily clinical practice? (E. Srbinovska, Skopje, Macedonia)
- 16:15 - 17:00 Clinical application of myocardial deformation imaging - case reports(T. Edvardsen, Oslo, N)
- 17:00 - 18:00 Symposium 3D strain (Badano, Edvardsen, Muraru, Sogaard)  
Closing remarks**

