Dear Congress Participants! Dear Friends!

The 3rd Central European Conference on Noninvasive Cardiovascular Imaging will be held in 2012, September 20-22 in Budapest, Hungary. The venue is the „House of Hungarians“ located at the Square of Holy Trinity in the heart of the Castle District of Buda.

The Noninvasive Cardiovascular Diagnostics, including in particular CT, MRI and PET diagnostics play an increasingly prominent role in modern day patient care. Technological advancements in these fields require continuous learning and development. In order to be able to maintain high standards while performing our work, we must learn the specialities of Cardiological diagnostics. The Central European Conference on Noninvasive Cardiovascular Imaging provides us with an excellent opportunity for developing our knowledge. We have invited the world’s most noted and famous lecturers in this field, thereby guaranteeing a very high professional standard to the conference, providing an opportunity for radiologists to participate in a world-class training event at a low cost. We would like to say thanks to all the lecturers for providing this opportunity to us!

Besides participating in this excellent professional program our guests have the opportunity to visit our city and its surrounding regional attractions (Winelands, lake Balaton), and to participate in countless cultural events organised in the city.

Thanks to our supporters, the registration fee is low in order to make participation in this event possible for all Central European radiologists with lower income.

Furthermore, we would like to thank our sponsors for their support allowing access to highly professional training in the field of noninvasive cardiological diagnostics in Central Europe, and allowing further development in the already acquired knowledge!

On behalf of the Organizing Committee, we would like to wish all participants effective professional work and a pleasant stay in Budapest!

István Battyány      Robert M Steiner
A KONFERENCIA HELYSZÍNE
Budapest, Magyarország

A KONFERENCIA ELNÖKEI
PRESIDENTS OF THE CONFERENCE

István Battyány
MD, PhD, Med.Hab.

Robert M Steiner
MD, FACC, FACR,

SZERVEZŐ BIZOTTSÁG
ORGANIZING COMMITTEE

Dr. Robert M Steiner
István Battyány MD

Dr. Miklós Krisztina
Krisztina Miklós MD

Dr. Várády Edit
Edit Várády MD

Dr. Balázs György
György Balázs MD

Dr. Maurovich Horváth Pál
Omar Giyab MD

Dr. Ruzsics Balázs
Balázs Ruzsics MD

Dr. Tóth Kálmán
Kálmán Tóth MD

KONGRESSZUSI IRODA
CONGRESS OFFICE

TENSI Aviation Kft. Pécs
TENSI Aviation Ltd. Pécs, Hungary

REGISZTRÁCIÓ
REGISTRATION

Elektronikusan vagy a kongresszus helyszínén
Via website or on spot

Regisztrációs díj 200 Euro
Registration fee 200 Euro

Regisztráció a Weben:
Registration on the Web:

http://www.cecni-cardiovascularimaging.eu

Regisztráció E-mailen:
Registration via E-mail:

veronika.udvaracz@aok.pte.hu
veronika.udvaracz@aok.pte.hu

batyo@chello.hu
batyo@chello.hu

mkriszta@gmail.com
mkriszta@gmail.com

HELYSZÍNI REGISZTRÁCIÓ
CONFERENCE REGISTRATION

A konferencia regisztrációs pultjánál
At the registration desk of the Conference

2012. szeptember 20.: 8.00 – 17.00
2012. szeptember 21.: 8.00 – 17.00
2012. szeptember 22.: 8.00 – 12.00

20th September 2012: 8.00 – 17.00
21th September 2012: 8.00 – 17.00
22th September 2012: 8.00 – 12.00
Participants are able to pick up their badge and conference bag at the registration desk. Please wear the conference badge during the entire conference time.

### Conference Time Table

<table>
<thead>
<tr>
<th>20th September 2012</th>
<th>21th September 2012</th>
<th>22th September 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15-8:30 Opening ceremony</td>
<td>8:30-12:45 Session II. Part I. Part II.</td>
<td>8:00-12:45 Session IV. Part I.</td>
</tr>
<tr>
<td>08:30-12:30 Session I. Part I. Part II.</td>
<td>12:45-13:45 Lunch time</td>
<td>12:45-13:30 Lunch time</td>
</tr>
<tr>
<td>12:30-13:30 Lunch time</td>
<td>12:45-13:45 Lunch time</td>
<td>12:45-13:30 Lunch time</td>
</tr>
<tr>
<td>13:30-17:30 Session I. Part III. Part IV.</td>
<td>13:45-14:30 BRACCO Symposium</td>
<td>13:30-15:00 Session IV. Part II.</td>
</tr>
<tr>
<td>13:30-17:30 Session I. Part III. Part IV.</td>
<td>14:30-17:00 Session II. Part III.</td>
<td>15:15-16:30 Session IV. Part III. Case Presentation</td>
</tr>
<tr>
<td>20:00 Conference dinner</td>
<td>16:30 Closing ceremony</td>
<td>17:00-18:30 Session III.</td>
</tr>
</tbody>
</table>

### List of Faculty

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Position and Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert M Steiner MD FACC FACR</td>
<td>Professor of Radiology and Medicine, Temple University Health System, Philadelphia Pa</td>
</tr>
<tr>
<td>Joseph U Schoepf MD FAHA FSCCT</td>
<td>Professor of Radiology and Medicine, Director of Cardiovascular Imaging, Medical College of South Carolina, Charleston SC</td>
</tr>
<tr>
<td></td>
<td>Clinical Professor of Radiology, Stanford University School of Medicine, Stanford California</td>
</tr>
<tr>
<td>Name</td>
<td>Education/Title</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Thomas G Flohr</td>
<td>PhD, MS</td>
</tr>
<tr>
<td>Albert de Roos</td>
<td>MD PhD</td>
</tr>
<tr>
<td>Arthur E Stillman</td>
<td>MD MS PhD</td>
</tr>
<tr>
<td>Gauthan Reddy</td>
<td>MD PhD</td>
</tr>
<tr>
<td>Hildo Lamb</td>
<td>MD PhD</td>
</tr>
<tr>
<td>Rainer K Rienmüller</td>
<td>MD PhD</td>
</tr>
<tr>
<td>Hans Christoph Becker</td>
<td>MD PhD</td>
</tr>
<tr>
<td>Balázs Ruzsics</td>
<td>MD PhD</td>
</tr>
<tr>
<td>Pál Horváth Mauroovich</td>
<td>MD</td>
</tr>
<tr>
<td>Tamás Simor</td>
<td>MD, PhD, Dsc</td>
</tr>
<tr>
<td>István Battyány</td>
<td>MD PhD</td>
</tr>
<tr>
<td></td>
<td>Med.Habil.</td>
</tr>
</tbody>
</table>
3rd Central European Conference on Noninvasive Cardiovascular Imaging
September 20 – 22, 2012
Budapest, Hungary

Day 1 - Thursday, September 20, 2012

08:15-8:30  Introduction and Opening Ceremony
Greatings from the Organizing Committee, Introduction of the Faculty István Battyány, Robert M Steiner

Back to Basics
What the Radiologist and Cardiologist Needs to Know?

SESSION I
CARDIOVASCULAR COMPUTED TOMOGRAPHY

PART I.
Moderators: István Battyány, Robert M Steiner

8:30 – 9:00  Current status of noninvasive cardiovascular imaging
Robert M Steiner

9:00 – 9:30  Basic Principles of cardiac CT
Thomas G Flohr

9:30 – 10:15  How I perform cardiac CT in the adult patient
U Joseph Schoepf

10:15 – 10:45  CT anatomy of the heart and the coronary circulation
Robert M Steiner

10:45 – 11:00  Coffee Break

PART II.
Moderators: Balázs Ruzsics, Gautham Reddy

11:00 – 11:45  Coronary CT anomalies, grafts and stents CT imaging
               Gautham Reddy

11:45 – 12:15  How to minimize Radiation exposure in cardiac CT
               Thomas G Flohr

12:15 – 12:30  Questions and comments for the morning faculty

12:30 – 13:30  Lunch

PART III.

Moderators: Leena Memon,

13:30 – 14:15  Cardiac CT for the evaluation of acute and chronic chest pain
               U Joseph Schoepf

14:15 – 14:45  CT of the coronary arteries: imaging the atherosclerotic plaque
               Arthur E Stillman

14:45 – 15:15  Cardiac CT in CHD: added value compared to MRI and Echocardiography
               Albert de Roos

15:15 – 15:30  Coffee Break

PART IV.

Moderators: Albert deRoos,

15:30 – 16:00  CT for the diagnosis of pulmonary embolism: current approach
               István Battyány

16:00 – 16:30  Myocardial Ischemia – detection and characterization with CT
               Balázs Ruzsics

16:30 – 17:00  Imaging of Atherosclerotic Plaques with Coronary CT Angiography
               Pál Maurovich-Horvát

17:00 – 17:30  Case review with the experts
               Gautham Reddy, Balázs Ruzsics, Albert de Roos
Day 2 – **Friday**, September 21, 2012

**Basics of Advanced Cardiovascular Imaging:**
What the radiologist and cardiologist needs to know?

**SESSION II**
CARDIOVASCULAR MAGNETIC RESONANCE IMAGING

**PART I.**

**Moderators:** Arthur Stillman,

8:30 – 9:10 Basic physics of cardiac MRI for the imaging clinician  
Balázs Ruzsics

9:10 – 9:50 Current status of cardiac MRI: applications, advantages and limitations  
Arthur E Stillman

9:50 – 10:30 Role of MRI for the diagnosis of congenital heart disease  
Albert de Roos

10:30 – 10:45 **Coffee Break**

**PART II.**

**Moderators:** U Joseph Schoepf

10:45 – 11:30 MRI for the diagnosis of acyanotic CHD  
Gautham Reddy

11:30 – 12:15 The role of MRI for the diagnosis of cyanotic CHD: pre and post surgical evaluation

12:15 – 12:45 CHD: case review with the experts  
Albert de Roos, Gautham Reddy

12:45 – 13:45 **Lunch**

**BRACCO SYMPOSIUM**

13:45 – 14:30 Planning transarterial aortic valve implantation (TAVI) by CT  
Hans Christoph Becker
PART III.

Moderators: Hildo Lamb

14:30 – 15:00 MRI of the non-Ischemic cardiomyopathies
Robert M Steiner
15:00 – 15:30 MRI of the ischemic cardiomyopathies
Albert de Roos
15:30 – 16:00 MRI for the diagnosis of metabolic syndrome
Hildo Lamb
16:00 – 16:30 MRI for the diagnosis of valvular and pericardial disease
Gautham Reddy
16:30 – 17:00 Ischemic and nonischemic cardiomyopathy case review with the experts
U Joseph Schoepf, Robert M Steiner, Hildo Lamb

SESSION III
NEW HORIZONS IN CARDIOVASCULAR IMAGING

Moderators:

17:00 – 17:30 Limits of Cardiac CT what can we expect in the future
Thomas G Flohr
17:30 – 18:00 Diastolic heart function: Basic and Advanced imaging strategies
Hildo Lamb
18:00 – 18:30 Ultra-high field 7T MRI of the cardiovascular system: Initial clinical experience
Hildo Lamb

Day 3 – Saturday, September 22, 2012

SESSION IV
ADVANCED MRI AND CT IMAGING

PART I.

Moderators: Hans Christoph Becker

8:00 – 8:40 Cardiac CT Leading edge imaging acquisition and reconstruction strategies
Hans Christoph Becker
8:40 – 9:20 MRI and CT of Cardiac Masses
Arthur E Stillman
9:20 – 10:00  First pass myocardial perfusion and myocardial enhancement: what can we do with CT versus MRI
Thomas G Flohr

10:00 – 10:30 MRI techniques during the acute phase of myocardial infarction
Tamás Simor

10:30 – 10:45 Coffee Break

10:45 – 11:15 Common artifacts in cardiac MRI how to optimize scan parameters
Balázs Ruzsics

11:15 – 11:45 Clinical Imaging trials: how to take part and benefit from the trial results
Arthur E Stillman

11:45 – 12:15 Circadian rhythms and cardiac imaging
Rainer K Rienmüller

12:15 – 12:45 Read with the experts
Arthur E Stillman, Hildo Lamb, Balázs Ruzsics

12:45 – 13:30 Lunch

PART II.

Moderators: Gautham Reddy, Rainer K Rienmüller

13:30 – 14:00 Cardiac CT for the pre procedural assessment of cardiac intervention
Balázs Ruzsics

14:00 – 14:30 Aortic and peripheral vascular disease: diagnosis by MRI and CT
Arthur E Stillman

14:30 – 15:00 Teaching the future teachers: The goals of training radiologists and technologists in cardiac MRI and cardiac CT in Central and Eastern Europe
Rainer K Reinmüller

15:00 – 15:15 Coffee Break

PART III.

Moderators: Robert M Steiner, Rainer K Rienmüller, Arthur E Stillman, Tamás Simor

15:15 – 16:30 Case presentations from the participants (1 case 6 minutes sum 12 cases)