



ACSI 2012

Advances in Cross-Sectional Imaging
Mannheim, Congress Center Rosengarten
Friday - Saturday, 13th - 14th July 2012

Advances in Cross-Sectional Imaging
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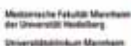
Chairmen

Prof. Dr. med. Stefan O. Schönberg
Institute of Clinical Radiology and Nuclear Medicine
University Medical Center Mannheim, Heidelberg University, Germany

Romeu Côrtes Domingues, MD
Clínica de Diagnóstico por Imagem (CDPI/Dasa), Multi-Imagem (MI)
Rio de Janeiro, Brazil

Prof. Dr. med. Emerson Gasparetto
Department of Diagnostic Radiology, University of Rio de Janeiro
Rio de Janeiro, Brazil

In Cooperation with



Invitation

The Institute of Clinical Radiology and Nuclear Medicine of the Medical Faculty Mannheim and Clínica de Diagnóstico por Imagem (CDPI/Dasa), Rio de Janeiro in conjunction with the Department of Diagnostic Radiology of the University of Rio de Janeiro are pleased to invite you to the fifth meeting on Advances in Cross-Sectional Imaging (ACSI) in Mannheim, Germany, in July 2012.

This transatlantic symposium is held annually, alternating between a transatlantic partner and Mannheim, Germany. Numerous manufacturers of medical technologies are located in Mannheim and the greater metropolitan region around Mannheim. In fact, the Medical Technology Cluster Mannheim benefits tremendously from the growth and development potential of the medical engineering sector. This includes a broad environment of 52 medical device industry partners in Mannheim employing more than 7.000 staff, as well as quick access to mature world market leaders across a large variety of imaging and interventional technologies. Moreover, Mannheim offers access to leading academic institutions providing a ready pool of medical engineering graduates for R&D, and production. This is supported by dedicated medical device research organisations that drive innovation every step of the way along the value chain, such as the Mannheim Institute of Medical Technology, and the Fraunhofer Institute's Group for Production Engineering and Automation in Medical- and Biotechnology in Mannheim.

This enormous development potential also positively influences a technically highly developed medical discipline such as radiology. Radiological departments serve as an essential interdisciplinary link between medical technologies, informatics and economics. As key decision point in the patients' management radiology has to excel medically but also economically to foster an optimal diagnosis and treatment of the patient.

At Mannheim, the multi-disciplinary Institute of Medical Technology – represented by the departments of radiology, radiation oncology, computer-assisted clinical medicine, the Center for Medical Research and the University of Applied Sciences – offers a unique platform for translational research and the immediate application of novel technical approaches in a clinical setting. Furthermore, the meeting benefits from the joint organization with CDPI/Dasa and the University of Rio de Janeiro, Latin America's leading imaging institutions with an excellent expertise in clinical high-field-MRI. CDPI/Dasa is renowned for its radiological courses on state-of-the-art MRI and CT topics together with distinguished international partners.

Four topics (cardiovascular imaging, neuroimaging, oncologic imaging and musculoskeletal imaging) will be presented in a two day program by experts in clinical imaging. In addition, the symposium is accompanied by an Erasmus Course on Cardiovascular MRI with CT correlation. Furthermore, recent technical developments in imaging technology will be highlighted such high-field magnetic resonance imaging, functional imaging and molecular imaging.

Accreditation by the German medical association for continuous medical education (CME) is expected. Lectures will be given in English.

We are pleased to offer you a very attractive and innovative program and are looking forward to welcoming you in Mannheim in July 2012.



Prof. Dr. S. O. Schönberg



Romeu C. Domingues, MD



Prof. Dr. E. Gasparetto

Registration and Information

Congress venue

Congress Center Rosengarten Mannheim
Rosengartenplatz 2, 68161 Mannheim, Germany

Scientific secretariat

Mrs. Renate Hubert
Institute of Clinical Radiology and Nuclear Medicine
University Medical Center Mannheim, University of Heidelberg
Theodor-Kutzer-Ufer 1 - 3, 68167 Mannheim, Germany
Fon +49 (0)621 383 - 3197
Fax +49 (0)621 383 - 1910
renate.hubert@umm.de

Registration fee

Head of Department and Radiologist in private practice	Euro 250.–
Consultants*, Fellows*	Euro 150.–
Others*	Euro 150.–
Residents*	Euro 100.–
Technicians*, Students*	Euro 75.–

*Please note that for these registrations a certificate of your employer is required.
(19 % VAT included)

Registration online: www.mr-pet-ct.com

Registration onsite at the registration desk.

Opening hours registration desk:

13th July 2012 08:00 – 19:00 h

14th July 2012 08:00 – 17:00 h

In case of any questions, please get in contact with:

m:con – mannheim:congress GmbH

Isabel Peter

Fon +49 (0)621/4106 - 174

isabel.peter@mcon-mannheim.de

CME-Accreditation

The symposium is CME accredited in cooperation with the board of German Board Radiologists and the Roentgen Ray Society for continuous medical education.

The Congress is estimated with 16 CME points.

Scientific organization

Mannheim

Prof. Dr. med. Christian Fink

Prof. Dr. med. Henrik J. Michaely

Prof. Dr. med. Dietmar Dinter

PD Dr. med. Ulrike Attenberger

PD Dr. med. Dipl.-Phys. Gerald Weisser

Prof. Dr. rer. nat. Björn Wängler

Rio de Janeiro

Dipl.-Phys. MSc. Thomas Döring

Friday, 13th July 2012

08:30 – 09:00 am Welcome Address

Welcome from the City of Mannheim

M. Grötsch, Mayor

Welcome from the Medical Faculty

U. Bicker, Dean of the Medical Faculty Mannheim

Welcome from the University Medical Center

A. Dänzer, CEO of the University Medical Center Mannheim

Welcome from the Institute of Clinical Radiology and Nuclear Medicine

S. O. Schönberg, Mannheim

Welcome from CDPI/Dasa

I. Gottlieb, Rio de Janeiro, Brazil

09:00 am – 03:00 pm Cardiovascular Imaging

09:00 – 10:30 am Cardiovascular imaging: Why, how and when?

Chairmen: S. O. Schönberg, Mannheim; T. Vogl, Frankfurt/M

09:00 Cardiac MRI: more than just volumetry

T. Leiner, Utrecht, The Netherlands

09:30 State-of-the-art risk assessment using CT calcium scoring

I. Gottlieb, Rio de Janeiro, Brazil

10:00 Peripheral vasculature: clinical impact of CTA and MRA

H. J. Michaely, Mannheim

10:30 Coffee break

11:00 – 12:30 pm Pushing the limits in vascular MRI

Chairmen: B. Ohnesorge, Erlangen; I. Gottlieb, Rio de Janeiro, Brazil

11:00 New acquisition strategies for fast MRA

B. Jung, Freiburg

11:30 From 3D to 4D to 7D MRA

A. Frydrychowicz, Lübeck

12:00 NCE MRA in clinical routine

R. S. Lanzman, Düsseldorf

12:30 Lunch break

01:30 – 03:00 pm Technical advances of cardiovascular CT

Chairmen: W. Märzendorfer, Forchheim; M. Reiser, Munich

01:30 How does cardiac CT define treatment decisions and outcome?

K. Nikolaou, Munich

02:00 Cardiac CT: From morphology to function

R. Vliegenthart, Groningen, The Netherlands

02:30 Benefits of iterative reconstruction in cardiovascular CT

T. Henzler, Mannheim

03:00 Coffee break

03:30 – 05:00 pm Musculoskeletal Imaging

03:30 – 05:00 pm Technical advances in musculoskeletal imaging

Chairmen: H.-P. Schlemmer, Heidelberg; P. Reimer, Karlsruhe

03:30 Clinical value of cartilage imaging using T2* imaging

G. Andreisek, Zurich, Switzerland

04:00 Improvement of musculoskeletal imaging at high-field strengths

T. C. Mamsch, Bern, Switzerland

04:30 Metabolic musculoskeletal imaging

P. Szomolanyi, Vienna, Austria

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Saturday, 14th July 2012

08:30 am – 02:30 pm Oncologic Imaging

08:30 – 10:00 am **Technical advances in oncologic imaging**

Chairmen: D. Dinter, Mannheim;
L. K. Bittencourt, Rio de Janeiro, Brazil

08:30 **PET Tracer: FDG and beyond**

B. Wängler, Mannheim

09:00 **PET-MRI: Just another hybrid technique?**

H. H. Quick, Erlangen

09:30 **Functional CT in Oncology: Improved characterization and response assessment**

C. Fink, Mannheim

10:00 Coffee break

10:30 – 12:00 am **Hot topics in oncologic imaging**

Chairmen: P. Hohenberger, Mannheim;
Romeu C. Domingues, Rio de Janeiro, Brazil

10:30 **DWI: The new standard in oncologic imaging?**

U. Attenberger, Mannheim

11:00 **Advances in multimodal imaging of prostate cancer**

L. K. Bittencourt, Rio de Janeiro, Brazil

11:30 **Improved staging of head and neck cancer using time of flight PET-CT**

M. Sadick, Mannheim

12:00 Lunch break

01:00 – 02:30 pm **Image guided cancer therapy**

Chairmen: F. Wenz, Mannheim;
J. Stallkamp, Mannheim

01:00 **State-of-the-art interventional therapy of liver tumors**

S. Diehl, Mannheim

01:30 **Treatment planning using advanced imaging of brain neoplasms**

Roberto C. Domingues, Rio de Janeiro, Brazil

02:00 **Role of PET imaging for therapy planning**

O. Israel, Haifa, Israel

02:30 Coffee break

03:00 – 05:00 pm Neuroimaging

03:00 – 05:00 pm **State-of-the-art neuroimaging**

Chairmen: M. Langer, Freiburg; L. Schad, Mannheim

03:00 **PET-CT imaging in Neurooncology: Which tracers do we need?**

D. Dinter, Mannheim

03:30 **Conventional and advanced MR imaging in multiple sclerosis**

E. Gasparetto, Rio de Janeiro, Brazil

04:00 **DTI in clinical practice: illusion or reality?**

A. Dörfler, Erlangen

04:30 **Post-treatment related changes in brain neoplasm**

C. Hygino, Rio de Janeiro, Brazil

Farewell

S. O. Schönberg, Mannheim;

Romeu C. Domingues, Rio de Janeiro, Brazil

Speakers

A

Andreisek, Gustav, Dr. med., Zurich, Switzerland
Attenberger, Ulrike, PD Dr. med., Mannheim, Germany

B

Bicker, Uwe, Prof. Dr. rer. nat. Dr. med. Dr. h. c., Mannheim, Germany
Bittencourt, Leonardo Kayat, Dr. med. MSc., Rio de Janeiro, Brazil

D

Dänzer, Alfred, Mannheim, Germany
Diehl, Steffen, Prof. Dr. med., Mannheim, Germany
Dinter, Dietmar, Prof. Dr. med., Mannheim, Germany
Domingues, Roberto C., Dr. med., Rio de Janeiro, Brazil
Domingues, Romeu C., Dr. med., Rio de Janeiro, Brazil
Dörfler, Arnd, Prof. Dr. med., Erlangen, Germany
Döring, Thomas, Dipl.-phys, MSc., Rio de Janeiro, Brazil

F

Fink, Christian, Prof. Dr. med., Mannheim, Germany
Frydrychowicz, Alex, PD Dr. med., Lübeck, Germany

G

Gasparetto, Emerson, Prof. Dr. med., Rio de Janeiro, Brazil
Gottlieb, Ilan, Dr. med. MSc., Rio de Janeiro, Brazil
Grötsch, Michael, Mannheim, Germany

H

Henzler, Thomas, Dr. med., Mannheim, Germany
Hohenberger, Peter, Prof. Dr. med., Mannheim, Germany
Hygino, Celso, Dr. med. MSc., Rio de Janeiro, Brazil

I, J

Israel, Ora, Prof. Dr. med., Haifa, Israel
Jung, Bernd, Dr. rer. nat., Freiburg, Germany

L

Langer, Mathias, Prof. Dr. med., MBA, Freiburg, Germany
Lanzman, Rotem Shlomo, Dr. med., Düsseldorf, Germany
Leiner, Tim, MD PhD, Utrecht, The Netherlands

M

Mamisch, T. Charles, Dr. med., Bern, Switzerland
Märzendorfer, Walter, Dipl.-Ing., Forchheim, Germany
Michaely, Henrik J., Prof. Dr. med., Mannheim, Germany

N, O, Q

Nikolaou, Konstantin, Prof. Dr. med., Munich, Germany
Ohnesorge, Bernd, Dr. rer. nat., Erlangen, Germany
Quick, Harald H., Prof. Dr. rer. med., Dipl. Ing., Erlangen, Germany

R

Reimer, Peter, Prof. Dr. med., Karlsruhe, Germany
Reiser, Maximilian, Prof. Dr. med. Dr. h.c., Munich, Germany

S

Sadick, Maliha, Prof. Dr. med., Mannheim, Germany
Schad, Lothar, Prof. Dr. rer. nat., Mannheim, Germany
Schlemmer, Heinz-Peter, Prof. Dr. med. Dipl.-Phys., Heidelberg, Germany
Schönberg, Stefan O., Prof. Dr. med., Mannheim, Germany
Stallkamp, Jan, Dr. Ing., Mannheim, Germany
Szomolanyi, Pavol, Ing. PhD, Vienna, Austria

V, W

Vliegenthart, Rozemarijn, MD PhD, Groningen, The Netherlands
Vogl, Thomas J., Prof. Dr. med., Frankfurt, Germany
Wängler, Björn, Prof. Dr. rer. nat., Mannheim, Germany
Wenz, Frederik, Prof. Dr. med., Mannheim, Germany

Sponsors

Goldsponsor

The logo for Siemens, featuring the word "SIEMENS" in a bold, teal, sans-serif font.

Silversponsor

The logo for Guerbet, consisting of the word "Guerbet" in a dark blue sans-serif font, followed by a vertical line and a 3x3 grid of squares (the top-right square is orange, the others are dark blue). Below this is the tagline "Contrast for Life" in a smaller, dark blue sans-serif font.

Bronzesponsors

The logo for Bracco, featuring a stylized hexagonal shape composed of blue and green lines. The word "BRACCO" is written in a bold, green, sans-serif font across the center of the hexagon. Below the hexagon is the tagline "LIFE FROM INSIDE" in a smaller, dark blue, sans-serif font.The logo for SIRTeX, with "SIR" in a dark blue serif font and "TeX" in a green serif font. A green swoosh underline is positioned under the "e" and "x".

Our service for you

The m:con Best Rate Guarantee on Hotel Bookings

Reserve the room of your choice directly via our Congress/Conference webpage and receive the best rates available on the day of booking.

Congress participants have the possibility to make room reservations using their congress registration form (name of congress) on the corresponding Homepage at: www.mr-pet-ct.com/participant-registration-form.

Special Offer

**Good for the environment.
Convenient for you.**

Round trip by train from 99.- Euro to ACSI 2012 – Advances in Cross-Sectional Imaging“, 13th – 14th July 2012 in Mannheim.

The m:con – mannheim:congress GmbH in cooperation with the German Rail (DB) is offering appealing special fare rates for journeys to „ACSI 2012 – Advances in Cross-Sectional Imaging“.

Travel comfortably and economically with the German Rail to Mannheim. Save on your travel budget, help the environment and contribute to climate protection.

The return ticket price from any German Rail station within Germany to Mannheim:

■	2 nd class	99.-	Euro
■	1 st class	159.-	Euro



In this way you are assured of receiving your rooms according to our special contract rates and conditions.

We wish you a pleasant stay in Mannheim.



In connection with this special offer all trains operated by German Rail, including ICE trains may be used. Tickets are valid from 11th to 15th July 2012.

Reserve your tickets by phone at the following service number +49 (0)1805 - 31 11 53** by using the reference „ACSI 2012 – Advances in Cross-Sectional Imaging“ and have your credit card ready for payment.

The m:con and German Rail wish you a pleasant journey!

DB BAHN

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* Tickets must be booked at least 3 days in advance of travel to take advantage of these special fare rates. Sale and desired train connection available only as long as supplies last. Ticket refunds before date of travel will be subject to a fee of 15.- Euro and after or on date of travel tickets are non-refundable. For an extra 30.- Euro you can choose a fully flexible ticket within Germany which is not limited to only one particular train connection.

** Our hotline is open from Monday to Saturday from 08:00 am – 09:00 pm. Calls from telephone landlines cost 0.14 Euro per minute and a maximum of 0.42 Euro per minute from mobile phone networks.

Our service for you

An Entire City Awaits as Your Host

The m:con is your competent service partner for any and all occasions. Our passion for high quality performance influences our every step in the organization of events.

Waving flags greet you at the train station and usher your way into the city. Mannheim looks forward to welcoming you as a guest in her city. And we, at the Rosengarten Mannheim, can offer you a wide range of services that leave no wish unfulfilled. You too can profit from our regional network of partners and take advantage of the restaurants, hotels, retail trade and culture on offer in the area.

- free in house WiFi for Congress participants
- free bicycle rental
- book of coupons for Mannheim which contains special offers from our service partners



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Your contact for all questions

Hendrikje Knop

Service-Büro

Fon +49 (0)621 4106 - 114

hendrikje.knop@mcon-mannheim.de



We would like to make your stay in Mannheim and on our premises a pleasant and memorable one.

Therefore we would be glad to offer you the following optional services in addition to your general program:

- Taxi bookings
- Rail and flight information
- Sightseeing and Discovery Tours of Mannheim City: general, customized or theme-based to suit individual wishes.
- Sport and leisure time activities in Mannheim: whether you prefer a segway, a bicycle or jogging, there is something for everyone.
- Art and Culture: reserve your tickets for cultural events and exhibitions at the city art gallery, national theatre, Reiss Engelhorn museum, Hack museum. Enjoy an “Art” break in Mannheim!

... and last but not least we will definitely not leave you standing “out in the rain” if the weather is bad but will be glad to offer you an umbrella to take cover under.

How to get there ...

... by car

From the motorway A5, driving in from Frankfurt or Karlsruhe, you can reach Rosengarten Mannheim as follows:

At the motorway junction Heidelberg, take the exit in direction toward Mannheim and follow motorway 656. After arriving at Mannheim you pass the Planetarium. At the end of „Augustaanlage“, you reach „Friedrichsplatz“ with Mannheim’s landmark – the „Wasserturm“ (water tower). There, the m:con Congress Center Rosengarten is situated. Parking is available in the immediate vicinity of the Rosengarten, in the car park „CC Rosengarten“ below the water tower.

From the motorway A6, driving in from Stuttgart or Saarbrücken, you can reach Rosengarten Mannheim as follows:

At the motorway junction Heidelberg, take the exit in direction toward Mannheim and follow motorway 656. After arriving at Mannheim you pass the Planetarium. At the end of „Augustaanlage“, you reach „Friedrichsplatz“ with Mannheim’s landmark – the „Wasserturm“ (water tower). There, the m:con Congress Center Rosengarten is situated. Parking is available in the immediate vicinity of the Rosengarten, in the car park „CC Rosengarten“ below the water tower. From there, you can directly access Rosengarten.

Important note

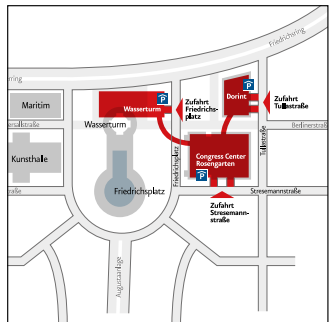
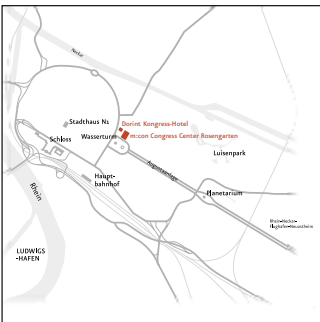
Due to its central location within the inner city, the m:con Congress Center Rosengarten has been situated within Mannheim’s low-emission zone since 1st March 2008. Thus, driving to the Rosengarten is only allowed, if your car has a low-emission sticker. Low-emission stickers are available at the car registration office, with TÜV, DEKRA, and in certified car repair shops.

... by train

Mannheim Hauptbahnhof, the central station of Mannheim is connected to the intercity express train system (ICE). Congress Center Rosengarten Mannheim is in a walking distance (10 minutes). You also can use the tram (No. 3 direction Sandhofen, 5 direction Käfertal)

... by plane

From Frankfurt Airport, there is a Lufthansa bus to Lufthansa Terminal Mannheim, being situated in the immediate vicinity of the Rosengarten, at „Rosengartenplatz“ (directly in front of the Dorint Congress Hotel Mannheim), every hour. Alternatively, you can take the ICE from Frankfurt Airport directly to Mannheim central station (about 30 minutes).



City map – Mannheim



Parking
Congress Center Rosengarten Mannheim

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*The product/feature (mentioned herein) is not commercially available. Due to regulatory reasons its future availability cannot be guaranteed.

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