

Venue

The Summer School will take place at the Department of Orthopaedics, Trauma Surgery and Spinal Cord Injury Center, University Hospital Heidelberg.

Address

Schlierbacher Landstraße 200a
D-69118 Heidelberg/Germany

Registration and further information:

Internet: www.heidelbergsummerschool.de

or

Mrs. Marianne Krebs

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Registration fee (after May 12th, 2013): 220€

For early registration (until May 12th, 2013): 140€

For further details, please visit our
www.heidelbergsummerschool.de homepage.

Course Director

Marc-André Weber, MD MSc

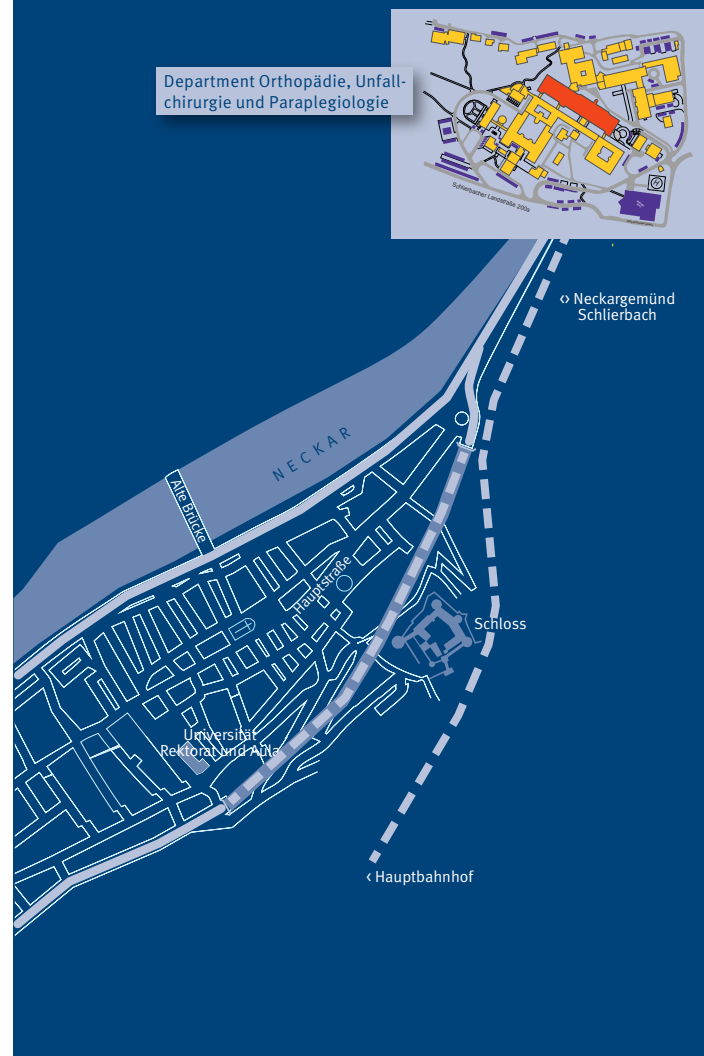
Professor of Radiology, Section Head Musculoskeletal
Radiology, University Hospital Heidelberg

CME Accreditation

The Summer School will be accredited by the „Landesärztekammer Baden-Württemberg“ with 15 CME credits (category A), which are recognised by all German Medical Chambers and the German Radiological Society. Also, the symposium is accredited for 1 category 3 credit point for the ESSR diploma by the European Society of Musculoskeletal Radiology. A symposium related confirmation will be available during the meeting at the registration desk.

Acknowledgement

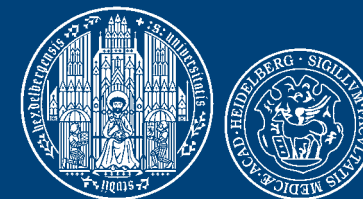
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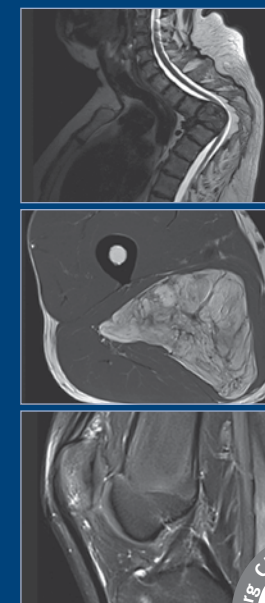


Heidelberg University Hospital

2nd Heidelberg Summer School

Musculoskeletal Cross
Sectional Imaging 2013

July 5th – July 6th, 2013



DI**R** Diagnostic
Interventional
Radiology

Welcome Address

Dear Colleagues and Friends,

The second International Heidelberg Summer School on Musculoskeletal Cross Sectional Imaging in Heidelberg/Germany will advance the international exchange of knowledge, ideas and experience by bringing together physicians and professional staff from all over the world. The Summer School is a yearly event and thus provides a continuous basis for academic exchange of medical, physical and technical know-how and advanced learning opportunities. All is necessary to fulfill the emerging clinical need for improved imaging diagnostics in the extensive field of musculoskeletal diseases. Additionally, we learn about the application of innovative products provided by the industrial partners.

The Summer School will take place at the Department of Orthopaedics, Trauma Surgery and Spinal Cord Injury Center. "Life is movement" is the motto of the Heidelberg Orthopaedic Hospital, which is the largest facility of its kind in Germany. However, this motto can also serve our Summer School reflecting the continuously changing imaging algorithms and technical innovations in radiology.

I am pleased to welcome you in Heidelberg also on behalf of the University of Heidelberg. The symposium will take place in the context of the 627th anniversary of the "Ruperto Carola University of Heidelberg", which is the oldest university in Germany and one of the oldest in Europe. For more than 600 years, our university has been a center of international scientific and academic endeavours. In addition to our welcoming party, we hope you will take advantage of our offer to participate in the guided tour of the renowned Castle of Heidelberg and the Old Town that we have organized for you.

I am especially grateful to Siemens for their partnership and very generous financial support of our Summer School.

I hope for an interesting and inspiring meeting covering, both, refreshing and the latest advances in modern musculoskeletal imaging, as well as, an enjoyable stay in Heidelberg. Ruins of a castle full of secrets, a picturesque old quarter, the lovely Neckar Valley – this fascinating triad stands for Heidelberg, Germany's most romantic city with more than three million visitors every year enjoying the various places of interest and the pleasant atmosphere. I am sure you will also enjoy your participation!

Marc-André Weber, MD MSc
Professor of Radiology

Programme *(All lectures are in English)*

Day 1 (July 5th)

- 08:00 Registration
- 09:00 Short Introduction (*Weber-MA, Heidelberg*)
- 09:05 Welcome address (*Ewerbeck-V, Heidelberg*)

Block 1 – Bone and soft-tissue tumors (*chair: Lehner-B, Heidelberg*)

- 09:15 Benign and malignant bone tumours (*Weber-MA, Heidelberg*)
- 09:45 Tumour-like lesions (*Noebauer-Huhmann-IM, Vienna*)
- 10:15 Soft tissue tumours (*Vilanova-K, Girona*)

10:45 *Coffee break*

Block 2 – Upper-extremity (*chair: Zeifang-F, Heidelberg*)

- 11:00 MRI of the shoulder (*Libicher-M, Schwäbisch-Hall*)
- 11:30 MRI of the hand and wrist including 7-Tesla MRI (*Wolf-MB, Heidelberg*)
- 12:00 Direct MR-arthrography of the hand and dedicated wrist anatomy (*Schmitt-R, Bad Neustadt*)

12:30 *Lunch break and buffet*

Block 3 – Lower-extremity (*chair: Fischer-C, Heidelberg*)

- 14:00 MRI of the hip – basics and new developments (*Sutter-R, Zurich*)
- 14:30 MRI findings of lesions involving cartilage and bone in the paediatric knee (*Jans-L & Verstraete-K, Ghent*)
- 15:00 MRI of the foot and ankle (*Kloth-JK, Heidelberg*)
- 15:30 Role of MRI in diabetic foot (*Cotten-A, Lille*)

16:00 *Coffee break*

Block 4 – Spine (*chair: Wiedenhöfer-B, Heidelberg*)

- 16:15 Spinal trauma – MRI aspects? (*Bauer-J, Munich*)
- 16:45 Spondylodiscitis and spinal degeneration (*Hähnel-S, Heidelberg*)
- 17:15 MRI of the sacroiliac joints and spine in spondyloarthritis (*Jans-L, Ghent*)
- 17:45 Minimal invasive treatment of vertebral compression fractures (*Nöldge-G, Heidelberg*)

18:15 *End of lectures at day 1 – Get together and buffet*

20:00 *Guided tour of the Castle of Heidelberg*

Day 2 (July 6th)

- 9:00 Short Introduction and Welcome address (*Kauczor-HU, Heidelberg*)

Block 5 – Special issues (*chair: Kauczor-HU, Heidelberg*)

- 9:15 Lumbar spine – reliability of MRI findings and imaging strategies for low back pain (*Carrino-JA, Baltimore*)
- 09:45 Bright spots in the subchondral bone – what could they mean? (*Grieser-T, Augsburg*)
- 10:15 MRI in osteoarthritis and rheumatoid arthritis (*Plathow-C, Baden-Baden*)
- 10:45 Contrast-enhanced ultrasound for musculoskeletal applications (*Amarteifio-E, Heidelberg*)

11:15 *Coffee break*

Block 6 – Sports imaging (*chair: Streich-N, Heidelberg*)

- 11:30 Sports injuries with focus on ligaments and joints (*Maas-M, Amsterdam*)
- 12:00 MR imaging of muscle injuries in athletes (*Rehnitz-C, Heidelberg*)
- 12:30 MR imaging of athletic pubalgia (*Robinson-P, Leeds*)

13:00 *Lunch break and buffet*

Block 7 – New (functional) methods of magnetic resonance imaging for MSK applications (*chair: Semmler-W, Heidelberg*)

- 14:25 Modern functional MR techniques to assess bone and soft-tissue tumours (*Rijswijk-CSP, Leiden*)
- 14:55 Functional cartilage imaging (*Trattnig-S, Vienna*)
- 15:25 MSK MR imaging beyond protons (*Nagel-AM, Heidelberg*)
- 15:55 Dot. The next movement in MRI (*Westphal-K, Erlangen*)

16:25 Closing remarks (*Weber-MA, Heidelberg*)

16:30 *End of lecture program*

16:30 *Coffee break – Get together*

16:45 *Guided tour of the Old Town including the Market Square (Marktplatz), with the Church of the Holy Spirit (Heiliggeistkirche) and the nearby Old Bridge (Sprenkel-SD & Winterstein-M)/Alternative program: Visit of the 7-Tesla MRI unit at the German Cancer Research Center (Nagel-AM)*

18:45 *Taste a German beer at "Kulturbrauerei Heidelberg"*