Dear Colleagues and Friends,
The Third 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 endeavours. In addition, 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, University Hospital Heidelberg. The symposium will take place in the context of the 628th anniversary of the “Ruperto Carola the University of Heidelberg”. The symposium will take place in the pleasant atmosphere. I am sure you will also enjoy your visitors every year enjoying the various places of interest and the Neckar Valley – this fascinating triad stands for Heidelberg, Old Town that we have organized for you.

I am pleased to welcome you in Heidelberg also on behalf of the University of Heidelberg, 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 especially grateful to Siemens for their partnership and support of the event at the registration desk. A symposium related confirmation will be available during the registration.

The Summer School will be accredited by the “Landesärztekammer Baden-Württemberg” with CME credits (category A), which is recognized by all German Medical Chambers and the German Radiological Society.

I hope for an interesting and inspiring meeting covering, both, 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

Welcome Address

Programme

Day 1 (July 25th)
09:00 Short Introduction (Weber-MA, Heidelberg)
09:05 Welcome address (Ewerbeck-V, Heidelberg)
Session 1 – Bone tumours (chair: Lehner-B, Heidelberg)
09:15 Benign and malignant bone tumours (Weber-MA, Heidelberg)
09:45 Bone marrow malignancies (Baur-Metnyk-A, Munich)
10:15 MR reporting: radiological bone tumour management (Gangi-A, Strasbourg)
10:45 Coffee break
Session 2 – Joints (chair: Zelfang-F, Heidelberg)
11:00 MRI of the shoulder joint (Shahboupour-M, Brussels)
11:30 MRI of the foot and ankle (Kluh-JK, Heidelberg)
12:00 MRI in osteoarthritis and rheumatoid arthritis of the hand and wrist (Schueiller-Weidemann-C, Vienna)
12:30 Lunch break and buffet
Session 3 – Imaging of the muscular system (chair: Noigle-G, Heidelberg)
14:00 MRI imaging of muscle injuries in athletes (Rehnz-C, Heidelberg)
14:30 MRI in muscle tumours and tumors of fasciae and tendon (Adriaensen-vanRoij-M, Heerlen)
15:00 Functional imaging of the skeletal muscle including non-proton MRI (Nagel-AM, Heidelberg)
15:30 Imaging of muscle stem cells – when to use MRI and when to use ultrasound (Martinioli-C, Genoa)
16:00 Coffee break
Session 4 – Spine (chair: Wiedenhofer-B, Heidelberg)
16:15 MRI of spinal injury (Hahn-S, Heidelberg)
16:45 US-guided versus CT-guided interventions at the spine (Grainger-A, Leeds)
17:15 MRI of the sacroiliac joints and spine in spondyloarthritides (Lichterich-B, Schwalbach-Hall)
17:45 Interventional radiologic percutaneous treatment of the spine (Muto-M, Naples)
18:15 End of lectures at day 1 – Get together and buffet for all participants
19:30 Bus transfer to the Castle
20:00 Guided tour of the Castle of Heidelberg

Day 2 (July 26th)
09:00 Short Introduction and Welcome address (Kauczor-HU, Heidelberg)
Session 5 – Modern imaging of the peripheral nerves and of muscle denervation (chair: Kauczor-HU, Heidelberg)
09:15 What a MSK radiologist should know about MR neurography (Carrino-JA, Baltimore)
09:45 Imaging of peripheral nerve tumours (Beggs-J, Edinburgh)
10:15 MR reporting: muscle denervation and nerve lesion localization (Pham-M, Heidelberg)
11:25 Coffee break
Session 6 – New (functional) MRI methods for MSK applications (chair: Shahboupour-C, Baden-Baden)
11:30 Diffusion-weighted whole-body MR screening – value for the MSK radiologist (Vilanova-K, Girona)
12:00 Update on MR cartilage imaging (Blaser-C, Wisconsin)
12:30 Emerging MRI techniques for imaging the bone marrow and its diseases (Verstraete-K, Ghent)
13:00 Recent developments in MSK imaging (Kloth-JK, Heidelberg)
13:30 Lunch break and buffet
Session 7 – Sports imaging (chair: Streich-N, Heidelberg)
14:00 MR appearances of the locked knee (Grainger-A, Leeds)
14:30 MRI of the elbow with focus on sports injuries (Ho-P, Kuala Lumpur)
15:20 Injuries of the hand and wrist focussing on wrist instabilities (Theumann-N, Lausanne)
15:50 Closing remarks (Weber-MA, Heidelberg)
16:00 End of lecture program
16:15 Coffee break – Get together
16:30 Guided tour of the Old Town including the Market Square (Marktplatz), with the Church of the Holy Spirit (Heiliggeistkirche) and the nearby Old Bridge (Sprendel-SD & Winterstein-M) – Bus transfer will be provided
16:50 Alternative program: Visit of the 7-Tesla MRI unit at the German Cancer Research Center (dfz; Nagel-AM) – Bus transfer will be provided
During all coffee and lunch breaks two posters with 6 MSK quiz cases will be on display (Sprendel-SD, Rehm-J.)

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. Manske
Secretary of the Section Musculoskeletal Radiology
University Hospital Heidelberg
Schlierbacher Landstraße 200a
D-69118 Heidelberg/Germany
Phone: +49 6221 56-26652
E-mail: Marianne.Krebs@med.uni-heidelberg.de
Registration fee (after June 1st, 2014): 220 €
Early registration (until June 1st, 2014): 140 €
For further details, please visit our www.heidelbergsummerschool.de homepage

CME Accreditation
The Summer School will be accredited by the “Landesärztekammer Baden-Württemberg” with CME credits (category A), which is recognized by all German Medical Chambers and the German Radiological Society.

In cooperation with the Academy for Continuing Medical Education in Radiology of the German Radiological Society

Acknowledgement
This event is sponsored by Siemens.