

## Faculty

**Dr. Omar Albtoush**  
Diagnostic and Interventional Radiology  
University Hospital Tübingen  
Tübingen / Germany

**Dr. P. Diana Afonso**  
Musculoskeletal Radiology  
Hospital Beatriz Angelo /  
Hospital da Luz, Grupo Luz  
Saúde, Lisbon / Portugal

**Prof. Dr. Suzanne Anderson**  
Musculoskeletal Radiology  
Kantonsspital Baden  
Baden / Switzerland and The  
University of Notre Dame  
Sydney / Australia

**Andreas Angeli, MD**  
Diagnostic and Interventional  
Radiology  
University Medicine Rostock  
Rostock / Germany

**Dr. Kristina Bath**  
Diagnostic and Interventional  
Radiology  
University Medicine Rostock  
Rostock / Germany

**Prof. Dr. Andrea Baur-Melnyk**  
Department of Radiology  
Clinic of the LMU Munich  
Munich / Germany

**Thomas Beyer, MD**  
Diagnostic and Interventional  
Radiology  
University Medicine Rostock  
Rostock / Germany

**PD Dr. Martin Ellenrieder**  
Orthopedic Clinic  
University Medicine Rostock  
Rostock / Germany

**PD Dr. Jan Fritz**  
Russel H. Morgan Department of  
Radiology and Radiological Sci-  
ence, Johns Hopkins  
University School of Medicine  
Baltimore / USA

**Dr. Amanda Isaac**  
Musculoskeletal Radiology  
King's College London  
London / United Kingdom

**Prof. Dr. Christian Junghanß**  
Clinic of Hematology and  
Oncology, University Medicine  
Rostock, Rostock / Germany

**PD Dr. Pia M. Jungmann**  
Department of Neuroradiology  
University Hospital Zurich  
Zurich / Switzerland

**Bastian Klaan, MD**  
Diagnostic and Interventional  
Radiology, University Medicine  
Rostock, Rostock / Germany

**Prof. Dr. Bernd Joachim Krause**  
Clinic for Nuclear Medicine  
University Medicine Rostock  
Rostock / Germany

**Prof. Dr. Christian R. Krestan**  
Department of Radiology  
Medical University Vienna /  
Vienna General Hospital  
Vienna / Austria

**Dr. Radhesh K. Lalam**  
Department of Radiology  
The Robert Jones & Agnes  
Hunt Orthopaedic Hospital  
Oswestry  
Shropshire / United Kingdom

**Dr. Ramy Mansour**  
Nuffield Orthopaedic Centre  
Oxford University Hospitals  
Oxford / United Kingdom

**Dr. José Martel Villagrán**  
Jefe de Unidad de Diagnóstico  
por Imagen, Hospital Universitario  
Fundación Alcorcón  
Alcorcón / Spain

**Prof. Dr. Wolfram Mittelmeier**  
Orthopedic Clinic  
University Medicine Rostock  
Rostock / Germany

**Prof. Dr. Thomas Mittlmeier**  
Trauma Surgery  
University Medicine Rostock  
Rostock / Germany

**PD Dr. Iris-M. Nöbauer-  
Huhmann**  
Department of Radiology  
Medical University Vienna /  
Vienna General Hospital  
Vienna / Austria

**Prof. Dr. Sebnem Orguc Celal**  
Department of Radiology  
Bayar University Hospital  
Uncubozköy Manisa Turkiye  
Manisa / Turkey

**Prof. Dr. Jürgen Piek**  
Clinic of Neurosurgery  
University Medicine Rostock  
Rostock / Germany

**Dr. Christoph Rehnitz**  
Diagnostic and Interventional  
Radiology, University Hospital  
Heidelberg, Heidelberg / Germany

**Prof. Dr. Emil Christian  
Reisinger**  
Dean of Medical Faculty  
University Medicine Rostock /  
Germany

**Dr. Philip Robinson**  
Department of Radiology  
Chapel Allerton Hospital  
Leeds / United Kingdom

**Dr. Nuran Sabir**  
Department of Radiology  
Pamukkale University Hospital  
Denizli / Turkey

**Dr. Hatice Tuba Sanal**  
Department of Radiology  
Gulhane Military Medical School  
Ankara / Turkey

**Ines Steinhagen, MD**  
Diagnostic and Interventional  
Radiology, University Medicine  
Rostock, Rostock / Germany

**PD Dr. Kolja Thierfelder**  
Diagnostic and Interventional  
Radiology, University Medicine  
Rostock, Rostock / Germany

**Prof. Dr. Daniel Vanel**  
Research Department  
Rizzoli Institute, Bologna / Italy

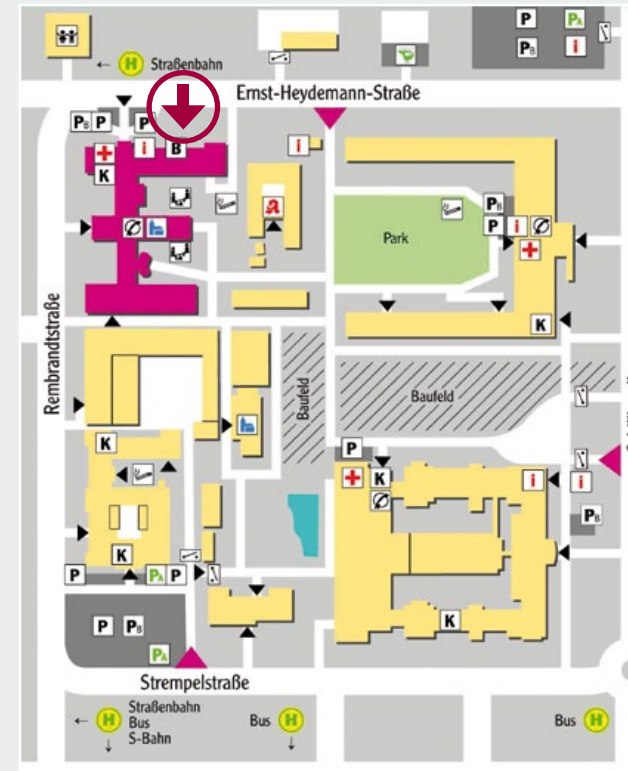
**Prof. Dr. Violeta Vasilevska  
Nikodinovska**  
Department of Radiology  
University Surgical Clinic "St.  
Naum Ohridski" University  
"Ss. Cyril and Methodius",  
Skopje / Macedonia

**Prof. Dr. Koenraad Verstraete**  
Department of Radiology  
Ghent University Hospital  
Ghent / Belgium

**Prof. Dr. Joan C. Vilanova**  
Department of Radiology  
Clinica Girona-Hospital Sta.  
Caterina, University of Girona  
Girona / Spain

**Prof. Dr. Marc-André Weber**  
Diagnostic and Interventional  
Radiology  
University Medicine Rostock  
Rostock / Germany

## You will find us here



**Public transportation**  
S-Bahn to Parkstraße, tram lines 3 and 6 to Parkstraße,  
bus lines 25, 27, 28, F1 and F2 to Schillingallee

This event is sponsored by

SIEMENS  
Healthineers



Universität  
Rostock Traditio et Innovatio

Universitätsmedizin  
Rostock

## Institute of Diagnostic and Interventional Radiology



## ESSR Tumour Course and Rostock Summer School on Musculoskeletal Cross Sectional Imaging 2018

July 13<sup>th</sup> – July 14<sup>th</sup>, 2018



Rostock Summer School

on Musculoskeletal Cross Sectional Imaging

[www.rostocksummerschool.de](http://www.rostocksummerschool.de)

## Welcome Address

### Dear Colleagues,

The first International Rostock Summer School on Musculoskeletal Cross Sectional Imaging 2018 and ESSR Tumour Course in Rostock / 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 fulfil 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 University Medical Centre Rostock.

I am pleased to welcome you in Rostock also on behalf of the University of Rostock, which is one of the oldest universities in the world, founded in 1419 only 200 years after the city was founded in 1218. The medical faculty was one of the three founding faculties. For nearly 600 years, our university has been a centre of international scientific and academic endeavours. Tradition and innovation is the university's motto, which can also serve our Summer School reflecting the continuously changing imaging algorithms and technical innovations in MSK radiology, which in fact is the oldest field of radiology given the fact that the very first X-ray was that of the hand of Wilhelm Conrad Röntgen's wife.

I am especially grateful to Siemens Healthineers and Bayer for their partnership and 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 tumour imaging, as well as an enjoyable stay in Rostock. Rostock is the largest city in the north German state Mecklenburg-Vorpommern and lies at the Warnow river and near the Baltic Sea coast. A homely city or romantic fishermen's village, Middle Age architecture or a magical coastal landscape, paintings, theatre and large ships, Rostock has something to offer for everyone. The city harbour is also a perfect location for a stroll with old and modern ships and restaurants right next to the water. In addition to our welcoming party, we hope you will take advantage of our offer to participate in the guided tour of the old town with lovely market squares and churches that we have organized for you. I am sure you will enjoy your participation!

**Prof. Dr. Marc-André Weber, MSc**

## Programme

### July 13<sup>th</sup>

- 08:00 **Registration**  
09:00 **Short introduction** (Weber-MA, Rostock / Germany)  
09:05 **Welcome address** (Reisinger-E, Rostock / Germany)

#### Bone tumours – diagnostics

- (chair: Mittelmeier-W, Rostock / Germany)  
09:15 **General overview of bone tumours – introduction**  
(Verstraete-K, Gent / Belgium)  
09:45 **Bone forming tumours** (Anderson-S, Baden / Switzerland)  
10:15 **Cartilage tumours** (Diana Afonso-P, Lisboa / Portugal)

10:45-11:00 *Coffee break*

#### Soft tissue tumours – diagnostics

- (chair: Ellenrieder-M, Rostock / Germany)  
11:00 **ESSR algorithm on soft tissue tumours**  
(Nöbauer-Huhmann-IM, Vienna / Austria)  
11:30 **Soft tissue tumour mimics** (Lalam-R, Oswestry / UK)  
12:00 **Ultrasound evaluation of soft tissue sarcomas and neural tumours** (Robinson-P, Leeds / UK)

12:30-14:00 *Lunch break and buffet*

#### Bone and soft tissue tumours – treatment

- (chair: Mittelmeier-T, Rostock / Germany)  
14:00 **Percutaneous treatment of osteoblastoma and osteoid osteoma** (Weber-MA, Rostock / Germany)  
14:30 **Percutaneous treatment of benign bone tumours other than osteoid osteoma and bone metastases**  
(Martel-J, Alcorcón / Spain)  
15:00 **Imaging guided biopsy of musculoskeletal tumours**  
(Vasilevska Nikodinovska-V, Skopje / Macedonia)

15:30-16:00 *Coffee break*

#### Image interpretation pearls and pitfalls

- (chair: Anderson-S, Baden / Switzerland)  
16:00 **Quiz cases – when the thorax radiologist urgently needs the musculoskeletal radiologist**  
(Verstraete-K, Ghent / Belgium)  
16:30 **Musculoskeletal tumour or trauma: not always easy**  
(Vanel-D, Bologna / Italy).  
17:00 **To be or not to be a metastasis** (Sanal-HT, Ankara / Turkey)

17:30 *Get together and buffet for all participants, Guided tour through Old town (registration necessary)*

### July 14<sup>th</sup>

- 09:00 **Short Introduction and welcome address**  
(Weber-MA, Rostock / Germany)

#### Bone tumours – special localizations

- (chair: Piek-J, Rostock / Germany)  
09:05 **Spinal tumours** (Orguc-S, Manisa / Turkey)  
09:30 **Imaging of peripheral nerve sheath tumours**  
(Isaac-A, London / UK)  
10:00 **Tumours around vessels, when is there an infiltration?** (Jungmann-PM, Zurich / Switzerland)

10:30-11:00 *Coffee break*

#### Bone tumours – hybrid imaging and recent advances

- (chair: Krause-B, Rostock / Germany)  
11:00 **„Hybrid Imaging“ in staging of bone tumours**  
(Krestan-C, Vienna / Austria)  
11:25 **Whole-body MRI for MSK tumour staging and follow-up including diffusion-weighted MR screening** (Vilanova-JC, Girona / Spain)  
11:50 **Interesting cases – what is your diagnosis?**  
(Rehnitz-C, Heidelberg / Germany)  
12:15 **Recent advances in MSK tumour imaging**  
(Fritz-J, Baltimore / USA)

12:40-13:45 *Lunch break and buffet*

#### Miscellaneous to wrap-up

- (chair: Junghanß-C, Rostock / Germany)  
13:45 **Imaging of multiple myeloma** (Baur-Melnyk-A, Munich)  
14:10 **Incidental lytic bone tumours** (Mansour-R, Oxford / UK)  
14:35 **Interesting cases in musculoskeletal imaging**  
(Albtoush-O, Tübingen / Germany)  
15:00 **Congenital syndromes associated with bone tumours** (Nuran Sabir, Denizli / Turkey)  
16:25 **Closing remarks** (Weber-MA, Rostock / Germany)

16:30 **End of lecture programme**

Four posters with 12 tumour quiz cases will be on display during the breaks (Angeli-A, Bath-K, Beyer-T, Kwaan-B, Steinhagen-I, Rostock / Germany).

## Venue

The symposium will take place at the University Medicine Rostock lecture room of the paediatric hospital. Catering will be provided at the „Spielsaal“ on the first floor at the paediatric hospital.

### Registration

[www.rostocksummerschool.de](http://www.rostocksummerschool.de)  
Early registration until May 15<sup>th</sup>, 2018: 199 €  
Registration fee after May 15<sup>th</sup>, 2018: 249 €

### Further information

Mrs. Uta Schulze  
Institute of Diagnostic and Interventional Radiology  
University Medicine Rostock  
Ernst-Heydemann-Str. 6  
D-18057 Rostock / Germany  
Phone +49 381 494 9201  
[uta.schulze@med.uni-rostock.de](mailto:uta.schulze@med.uni-rostock.de)

### Course Director

Prof. Dr. Marc-André Weber, MSc  
Chairman  
Diagnostic and Interventional Radiology  
University Medicine Rostock

### CME Accreditation

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



The symposium will be accredited by the "Landesärztekammer Mecklenburg-Vorpommern" with 17 CME credit points (category A), which are recognised by all German Medical Chambers and the German Radiological Society.



This course is endorsed by the ESSR sub-committee on tumours and accredited with 1.8 points in Cat. 3 level 1. This means that the course has received double accreditation score for the ESSR Diploma.

Tumour course related confirmation will be available during the meeting at the registration desk.