

## Course Faculty

**Prof Dr Eike Nagel**

Goethe CVI, Frankfurt am Main

**PD Dr Valentina Puntmann**

Goethe CVI, Frankfurt am Main

**PD Dr Andreas Rolf**

Kerckhoff Clinic, Bad Nauheim

**Dr Heiner Latus**

German Heart Centre, Munich

With support from the  
**Departments of Cardiology and Radiology,  
University Hospital Frankfurt**

## Course Sponsors



The scientific director and the speakers confirm the product neutrality of the program and the presentations. Potential conflicts of interest will be announced prior to each presentation.

The course is expected to be awarded with  
**10 CME Credits (LAEHK)**

**SCMR level 1  
certification course**



## Venue

Institute for Experimental and Translational  
Cardiovascular Imaging

**Goethe CVI**

University Hospital Frankfurt

Haus 25B (ground floor)

Theodor Stern Kai 7

60590 Frankfurt am Main

## How to get there:

From Frankfurt Hauptbahnhof:  
Tram 12 or 21 (stop: Universitätsklinikum)

## How to register:

Email: [cvi-courses@kgu.de](mailto:cvi-courses@kgu.de)

Website: [www.cardiac-imaging.org](http://www.cardiac-imaging.org)

Telephone +49-69-6301-86763

Fax: +49-69-6301-7983

## Course Fee: 310, - €

**Online bank transfer:**

IBAN: DE 32 5005 0201 0000 3799 99

BIC: HELADEF1822

Reference: GoetheCVIKurs

## Course language - English



Institute for Experimental and Translational  
Cardio Vascular Imaging  
University Hospital Frankfurt

# Cardiac magnetic resonance in everyday clinical practice

June 5th-6th 2019  
Frankfurt am Main



## Course directors and faculty:

Prof Dr Eike Nagel

PD Dr Valentina Puntmann

PD Dr Andreas Rolf

Dr Heiner Latus

## About the Course

This is a 2-day introductory course on CMR for everyone: Clinicians (cardiologists, radiologists, physicians-internal medicine), cardiac radiographers, CMR physicists and engineers. The course objective is to outline the role of CMR in diagnosis and clinical management of heart disease, including ischemia and heart failure, cardiomyopathies, congenital heart disease, in guiding medical treatment, coronary intervention and the use of medical devices. Lectures, interactive clinical cases, live cases and post-processing sessions will link the theoretical knowledge with the application in the daily clinical routine. **The course is given in English.**

## About the Faculty

**Prof Nagel** is Director of the Institute for Experimental and Translational Cardiovascular Imaging at University Hospital Frankfurt (Goethe CVI). In 2015, he was appointed DZHK Professor. He leads the Interdisciplinary Cardiovascular Imaging in the Departments of Cardiology and Radiology at the University Hospital Frankfurt, supporting a state-of-the art clinical service and translation of research findings into clinical routine. He is founding member and Past President of the SCMR.

**PD Dr Puntmann** is Deputy Head of Goethe CVI and senior clinical investigator. Her research focuses on biomarker and drug discovery in non-ischaemic cardiomyopathies (T1 and T2 mapping) and has years of experience in CMR teaching and training.

**PD Dr Rolf** is Deputy Director of Cardiology and head of cardiac imaging at Kerckhoff Heart-Centre. He is lecturer on cardiovascular imaging and general cardiology at the University of Gießen. His scientific interest are imaging bio- markers and imaging of pulmonary hypertension.

**Dr Latus** is a paediatric cardiologist and CMR Fellow in paediatric and congenital heart disease at the German Heart Centre Munich. His research focuses on CMR on pathophysiology of RV failure, pulmonary hypertension and single-ventricle circulation. He is a member of the German Paediatric Pulmonary Vascular Disease Network AEPC working group in Pulmonary Hypertension and Heart Failure.

## Wednesday June 5<sup>th</sup> 2019

### 08:30-09:00 REGISTRATION

- 09:00-09:15 Welcome and Objectives
- 09:15-10:00 From Physics to protocols
- 10:00-10:30 CMR Planning and scanning
- 10:30-11:00 CMR post-processing
- 11:00-12:00 LV/RV Post processing

### 12:30-13:30 Lunch Break

- 13:30-14:30 Introduction into LGE
- 14:30-15:30 CMR in Chest Pain
- 15:30-16:30 Interactive Cases
- 16:30-16:45 **Tea/Coffee break**
- 16:45-17:30 Tissue contrast mapping: T1/T2 mapping
- 17:30-18:00 CMR in heart failure
- 18:00-19:00 Cardiomyopathies



## Thursday June 6<sup>th</sup> 2019

- 08:00-09:00 Clinical indications and Outcome
- 09:00-09:45 Live-scanner session 1
- 09:45-10:00 Tissue contrast mapping: T2\* mapping
- 10:00-10:15 **Tea/Coffee break**
- 10:15-11:00 Live-scanner session 2
- 11:00-12:30 Interactive Cases
- 12:30-13:30 **Lunch Break**
- 13:30-14:30 Congenital Heart Disease I
- 14:30-15:30 Congenital Heart Disease II
- 15:30-16:15 **Tea/Coffee Break**
- 16:15-16:30 Clinical CMR service setup
- 16:30-17:00 CMR in a multimodality clinical practice
- 17:00-18:00 Self-evaluation and mock exam
- 18:00 Course Adjourn

