

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:

Department of Radiology, University Hospital Frankfurt

Department of Cardiology, University Hospital Frankfurt



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

Course Fee: 150,00 €

(Free of charge for Members of DZHK Rhein-Main, KGU and cardiologists, radiologists and students from Bad Nauheim and Mainz. For details, please visit our website or email us.)

Bank Details:

IBAN: DE 32 5005 0201 0000 3799 99

BIC: HELADEF1822

Reference: 9405309 (important)

Course registration:

Email: cvi-courses@kgu.de

Website: www.cardiac-imaging.org

Telephone +49-69-6301-86763

Fax: +49-69-6301-7983

How to get here:

From Frankfurt Main Station:
Tram 21 (direction: Stadion; station: Universitätsklinikum.)

**The course is awarded with
24 CME Credits (LAEKH)**

CARDIAC MAGNETIC RESONANCE IN EVERYDAY CLINICAL PRACTICE



Course directors and faculty:

Prof Dr Eike Nagel

PD Dr Valentina Puntmann

PD Dr Andreas Rolf

Dr Heiner Latus

Date: June 13th – 14th 2018



Goethe CVI

Institute for Experimental and Translational
Cardio Vascular Imaging
University Hospital Frankfurt

COURSE AND FACULTY

ABOUT THE COURSE

This is a 2-day introductory course on CMR for everyone:

Clinicians (cardiologists, radiologists, physicians-internal medicine), cardiac radiographers (MTRAs), CMR physicists and computational modellers. The course objective is to outline the role of CMR in diagnosis and clinical management of myocardial ischemia, cardiomyopathies and heart failure, congenital heart disease, as well as in guiding medical treatment, coronary intervention and the use of medical devices. The two days will consist of lectures interchanging with the interactive clinical cases and post-processing sessions to consolidate the theoretical knowledge and simulate its application in the daily clinical routine.

ABOUT THE FACULTY

Prof Nagel is Director of the Institute for Experimental and Translational Cardiovascular Imaging at University Hospital Frankfurt (Goethe CVI). He was appointed DZHK Professor in 2015. 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 teaching and training in non-invasive cardiovascular imaging and translational medicine.

PD Dr Rolf is Deputy Director of Cardiology and head of cardiac imaging at Kerckhoff Heart-Center. 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.

The course directors confirm the product neutrality of the programme and the presentation. Any potential conflicts of interest will be disclosed.

Programme

Wednesday, 13th June, 2018

08:30-09:00	REGISTRATION
09:00-09:15	Welcome and Objectives
09:15-10:00	MR – Physics of CMR application
10:00-10:30	CMR protocols: Planning and scanning
10:30-11:00	Introduction of post-processing methods
11:00-11:30	LV/RV Post processing
11:30-12:30	Ischaemic heart disease
12:30-13:30	Lunch Break
13:30-14:30	Introduction into LGE
15:00-16:00	Cardiomyopathies— Interactive Cases
16:30-16:45	Tea/Coffee break
16:45-17:30	Congenital Heart Disease I
17:30-18:00	Congenital Heart Disease II
18:00-19:00	CMR in acute chest pain and heart failure

Programme

Thursday, June 14th, 2018

08:00-09:00	Clinical indications and Outcome
09:00-09:45	Live-scanner session 1
09:45-10:00	Tissue contrast mapping techniques: T2* mapping
10:00-10:15	Tea/Coffee break
10:15-11:00	Live-scanner 2
11:00-12:30	Interactive Cases
12:30-13:30	Lunch break
13:30-14:00	CMR in a multimodality clinical practice
14:00-14:45	Tissue contrast mapping techniques: T1/T2 mapping
14:45-15.30	Masses, Pericardium, Incidental Findings
15:30-16:15	Tea/Coffee break
16:15-16:30	Clinical CMR service setup
16:30-17:00	Interactive self-evaluation and Mock exam
17:00-18:00	Course adjourns