



**Friday 17th – Saturday 18th
September 2021**



**UZAntwerpen
Auditorium Kinsbergen**

Cardiac MRI Level I course

**A 2-day comprehensive course with interactive and hands-on sessions.
International faculty.**

COURSE DIRECTORS

B. Gerber, UCLouvain St. Luc, Brussels
C. Van De Heyning, UZAntwerpen
A. Ciarka, KULeuven

INTERNATIONAL FACULTY

C. Bucarelli-Ducci, London, UK
A. Chiribiri, London, UK
R. Holtackers, Maastricht, NL

LOCAL FACULTY

J. Bogaert, KULeuven
G. Colin, Cl. St. Luc Bouge
M. Dupont, CHU Mont-Godinne
H. El Abdouli, UZAnwerpen
O. Ghekiere, CHU Liège
L. Houard, UZ Brussel
S. Moniotte, UCLouvain St. Luc, Brussels
B. Paelinck, UZAntwerpen
M. Penicka, OLV Aalst
R. Salgado, UZAntwerpen
L. Vanhoutte, UCLouvain St. Luc, Brussels
P. Waer, Cl. St. Elisabeth, Brussels

COURSE OVERVIEW

- 2 days CMR course directed towards EACVI/EuroCMR level I certification
- Teaching delivered by experienced CMR cardiologists and radiologists
- Lectures covering essential topics of basic CMR physics, MR safety, basic CMR protocols for common cardiac conditions.
- Covering various aspects including cardiomyopathy, perfusion, viability, valvular heart disease and congenital heart disease
- Case demonstrations
- Hands on training on advanced workstations.
- At the end of the course, attendees will have an understanding of CMR indication, CMR image interpretation and CMR reporting

Friday 17th September 2021

- 9:00-9:10** **Welcome**
B. Gerber, UCLouvain St. Luc Brussels
- 9:10-9:30** **CMR Safety and Contraindications**
P. Waer, St. Elisabeth Brussels
5 min Q&A
- 9:35-9:55** **Basics of CMR Physics**
R. Holtackers, Maastricht
5 min Q&A
- 10:00-10:20** **CMR sequences anatomy, perfusion, function, LVG and mapping (T1, T2, T2*)**
O. Ghekiere, UCLiege
5 min Q&A
- 10:30-10:50** **Coffee Break**
- 10:50-11:05** **CMR Protocols**
C Van de Heyning, UZAntwerpen
5 min Q&A
- 11:10-11:30** **Analysis of CMR Images (function, LGE, flow) A**
Ciarka, KULeuven
5 min Q&A
- 11:35-11:55** **Image Artefacts**
R. Holtackers, Maastricht
5 min Q&A
- 12:00-13:00** **Hands-on I (supported by Circle Imaging)**
C. Van De Heyning/B.Paelinck
- 12:30-14:00** **LUNCH**
- 14:00-14:20** **Extra-Cardiac findings**
H. El Addouli, UZAntwerpen
5 min Q&A
- 14:30-14:50** **Cardiomyopathy (HCM, DCM, ARVC, LVNC)**
C. Bucciarelli-Ducci, London UK
5 min Q&A
- 15:00-15:20** **Interactive Cases Cardiomyopathies**
A. Ciarka, KULeuven
5 min Q&A
- 15:30-15:50** **Coffee Break**
- 15:50-16:10** **MINOCA/Myocarditis**
C. Bucciarelli-Ducci, London UK
5 min Q&A
- 16:20-16:40** **Interactive Cases MINOCA/Myocarditis**
C. Van de Heyning, UZAntwerpen
5 min Q&A

Saturday 18th September 2021

- 9:00-9:20** **CMR in Acute Ischemic Heart disease (Risk area, No reflow, Infarct size)**
J. Bogaert, KULeuven
5 min Q&A
- 9:30-9:50** **CMR in Stable Ischaemic Heart Disease (Stress perfusion, LGE, coronaries)**
A. Chiribiri, London, UK
5 min Q&A
- 10:00-10:20** **Interactive Cases Acute IHD**
G. Colin, St Luc Bouge
10 min Q&A
- 10:30-10:20** **Coffee Break**
- 10:30-11:10** **Interactive Cases Chronic IDH (Stress Perfusion)**
O. Ghekiere, Jessa Hasselt
10 min Q&A
- 11:20-11:50** **Valvular Heart Diseases**
M. Penicka, QLV Aalst
10 min Q&A
- 12:00-12:20** **Interactive Cases Valvular Heart Disease**
L. Houard, UZ Brussel
5 min Q&A
- 12:30-13:30** **LUNCH**
- 13:30-13:50** **Vascular Diseases**
R. Salgado, UZAntwerpen
10 min Q&A
- 14:00-14:20** **Cardiac Masses**
B. Gerber, UCLouvain St. Luc Brussels
10 min Q&A
- 14:30-14:50** **Pericardial Diseases**
B. Paelinck, UZAntwerpen
10 min Q&A
- 15:00-15:20** **Interactive Cases Cardiac Masses/Pericardium**
M. Dupont, UCL Mont-Godinne
10 min Q&A
- 15:30-15:50** **Coffee Break**
- 15:40-16:00** **Congenital Heart Disease**
S. Moniotte, UCLouvain St. Luc Brussels
10 min Q&A
- 16:10-16:30** **Interactive Cases Congenital Heart Disease**
L. Vanhoutte, UCLouvain St. Luc Brussels
10 min Q&A
- 16:40-17:00** **Quiz/Minitest**
B. Gerber/C. Van de Heyning/A Ciarka
- 17:00-18:00** **Hands-on II (supported by Circle Imaging)**
B. Gerber/C. Van de Heyning/A. Ciarka

How to register

You have 3 possibilities to register to this course:

- visit: <https://www.123formbuilder.com/form-4847690/level1cmrcourse>
- scan the QR Code
- email to: Bernhard.gerber@uclouvain.be



Registration fees:

€175 (regular)

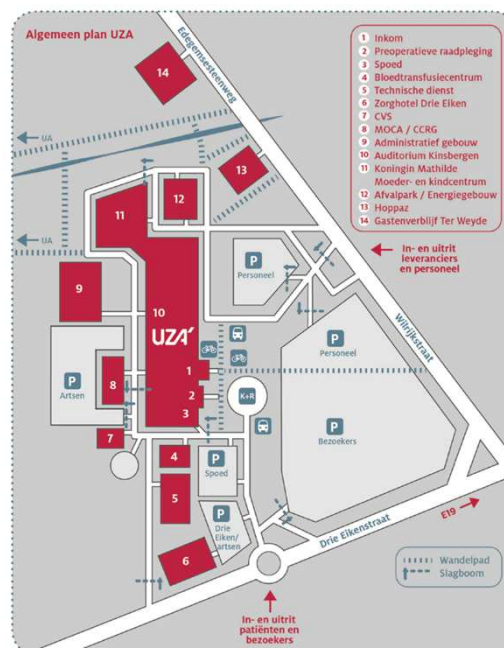
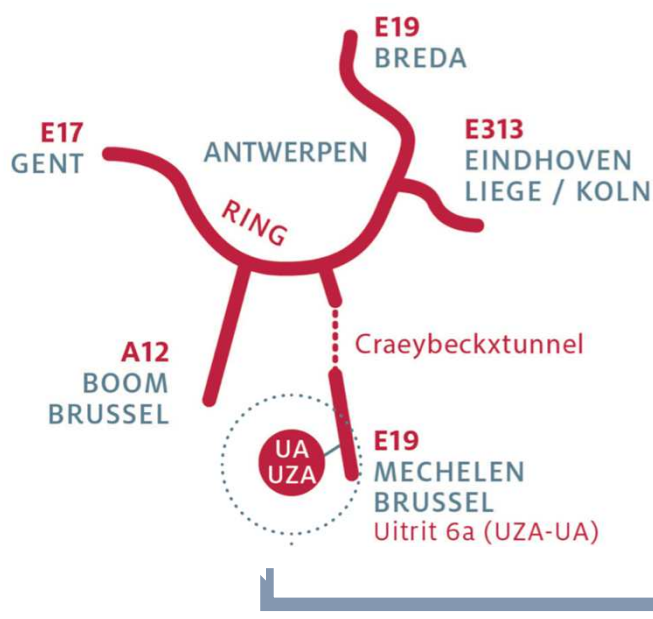
€75 (fellows/trainees/technicians)

The fees cover the participation and lunch for the whole course (Friday and Saturday).
Please transfer the registration fees to the following account number: BE81 7340 4590 1924
before September 5, 2021

INQUIRIES: Prof B. Gerber

Email: Bernhard.gerber@uclouvain.be

Access plan



The course will take place at “Auditorium Kinsbergen”, follow Route 12 from Main entrance Universitair Ziekenhuis Antwerpen (UZA)

- By car: Highway E19 Antwerp-Brussels Exit 6a ; the car park “Parking bezoekers” can be reached via the roundabout at Drie Eikenstraat 655, 2650 Edegem (GPS-coordinates: 51.15500, 4.41220).
- By public transport: visit www.uza.be/public-transport

Supported by:

Organized by: Under the auspices of:



GE Healthcare



Belgian Society of
CARDIOLOGY