

3rd BWGNICI Level I Cardiac MRI course

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



Friday 15th – Saturday 16th
September 2023



UCL St. Luc
Auditoire Maisin

COURSE DIRECTORS

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

INTERNATIONAL FACULTY

C. Bucarelli-Ducci, London, UK
A. Chiribiri, London, UK
S. Weingartner, Delft, NL

LOCAL FACULTY

M. Dupont, CHU Mont-Godinne
K. Tanaka, UZ Brussel
S. Moniotte, UCLouvain St. Luc, Brussels
B. Paelinck, UZAntwerpen
M. Penicka, OLV Aalst
R. Symons, Bonheiden
N. Sturkenboom, UZA

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 15th September 2023

- 9:00-9:10** **Welcome**
B. Gerber, UCLouvain St. Luc Brussels
- 9:10-9:30** **CMR Safety and Contraindications**
C Van de Heyning, UZ Antwerpen
5 min Q&A
- 9:35-9:55** **Basics of CMR Physics**
S. Weingartner, Delft
5 min Q&A
- 10:00-10:20** **CMR sequences anatomy, perfusion, function, LVG and mapping (T1, T2, T2*)**
B. Gerber, UCLouvain
5 min Q&A
- 10:30-10:50** **Coffee Break**
- 10:50-11:05** **CMR Protocols**
C Van de Heyning, UZ Antwerpen
5 min Q&A
- 11:10-11:30** **Analysis of CMR Images (function, LGE, flow)**
N Tanaka, UZ Brussel
5 min Q&A
- 11:35-11:55** **Image Artefacts**
S. Weingartner, Delft
5 min Q&A
- 12:00-13:00** **Hands-on I (supported by Circle Imaging)**
B. Gerber/ C. Van de Heyning
- 13:00-14:00** **LUNCH**
- 14:00-14:20** **Extra-Cardiac findings**
K. Tanaka, UZ Brussel
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**
N. Sturkenboom UZ Antwerpen
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, UZ Antwerpen
5 min Q&A
- 16:40-17:00** **Pericardial Diseases**
B. Paelinck, UZ Antwerpen
10 min Q&A

Saturday 16th September 2023

- 9:00-9:20** **CMR in Acute Ischemic Heart disease (Risk area, No reflow, Infarct size)**
B. Gerber, UCLouvain
5 min Q&A
- 9:25-9:45** **CMR in Stable Ischaemic Heart Disease (Stress perfusion, LGE, coronaries)**
A. Chiribiri, London, UK
5 min Q&A
- 09:50-10:10** **Interactive Cases IHD**
A. Chiribiri, London, UK
5 min Q&A
- 10:15-10:45** **Coffee Break**
- 10:45-11:05** **Valvular Heart Diseases**
M. Penicka, OLV Aalst
5 min Q&A
- 11:10-11:30** **Interactive Cases Valvular Heart Disease**
V Hanet / M Boutte
5 min Q&A
- 11:40-12:40** **Hands-on II (supported by Circle Imaging)**
B. Gerber/ C. Van de Heyning
- 12:45-13:30** **LUNCH**
- 13:30-13:50** **Vascular Diseases**
Rolf Symons, Bonheiden
5 min Q&A
- 13:55-14:15** **Cardiac Masses**
B. Gerber, UCLouvain St. Luc Brussels
5 min Q&A
- 14:20-14:40** **Interactive Cases Cardiac Masses/Pericardium**
M. Dupont, UCL Mont-Godinne
5 min Q&A
- 14:45-15:15** **Coffee Break**
- 15:15-15:35** **Congenital Heart Disease**
S. Moniotte, UCLouvain St. Luc Brussels
5 min Q&A
- 15:40-16:00** **Interactive Cases Congenital Heart Disease**
L. Vanhoutte, UCLouvain St. Luc Brussels
5 min Q&A
- 16:05-16:25** **Quiz/Minitest**
B. Gerber/C. Van de Heyning

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:

€200 (regular)

€75 (fellows/trainees/technicians)

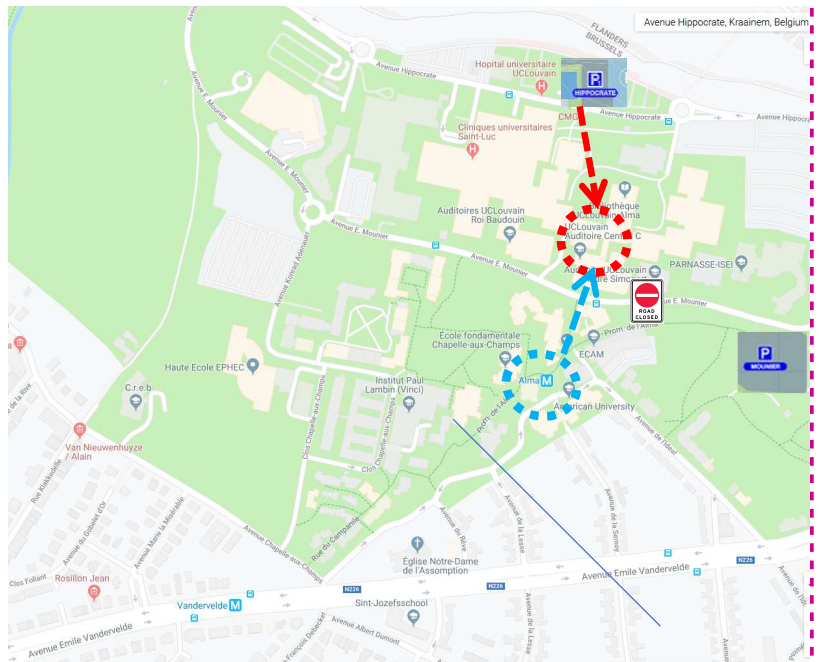
The fees cover the participation and lunch for the whole course (Friday and Saturday).

Please transfer the registration fees to the following account number: BE81 7340 4590 1924 before September 5, 2023

INQUIRIES: Prof B. Gerber

Email: Bernhard.gerber@uclouvain.be)

Access plan



The course will take place at “Auditoire Maisin”, UCLouvain Next to the Cliniques St. Luc

- By car: E40 sortie 20 (Kraainem) or Ring Est (R0) Sortie 2 (Kraainem/UCL St. Luc). Follow
On Friday: Park on Av Hippocrate in front of Hospital, On Saturday, Free Parking on Parking Mounier
- By public transport: Metro ALMA (ligne 1)

Supported by:

Organized by: Under the auspices of:

