

3rd BWGNIC 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

J. Bogaert, KULeuven
A. Ciarka, KULeuven
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
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 15th September 2023

- 9:00-9:10** **Welcome**
B. Gerber, UCLouvain St. Luc Brussels
- 9:10-9:30** **CMR Safety and Contraindications**
P. Waer (St. Elisabeth)
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, UZAntwerpen
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/A. Ciarka
- 12:30-14:00** **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 UZA
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
- 16:40-17:00** **Pericardial Diseases**
B. Paelinck, UZAntwerpen
10 min Q&A

Saturday 16th September 2023

- 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**
A. Ciarka (KULeuven)
10 min Q&A
- 10:30-10:20** **Coffee Break**
- 10:30-11:10** **Interactive Cases Chronic IDH (Stress Perfusion)**
A. Chiribiri, London, UK
10 min Q&A
- 11:20-11:50** **Valvular Heart Diseases**
M. Penicka, OLV Aalst
10 min Q&A
- 12:00-12:20** **Interactive Cases Valvular Heart Disease**
V Hanet / M Boutte
5 min Q&A
- 12:00-13:00** **Hands-on II (supported by Circle Imaging)**
B. Gerber/C. Van de Heyning/A. Ciarka
- 12:30-13:30** **LUNCH**
- 13:30-13:50** **Vascular Diseases**
Rolf Symons (Bonheiden)
10 min Q&A
- 14:00-14:20** **Cardiac Masses**
B. Gerber, UCLouvain St. Luc Brussels
10 min Q&A
- 14:30-14:50** **Interactive Cases Cardiac Masses/Pericardium**
M. Dupont, UCL Mont-Godinne
10 min Q&A
- 15:00-15:20** **Coffee Break**
- 15:30-15:50** **Congenital Heart Disease**
S. Moniotte, UCLouvain St. Luc Brussels
10 min Q&A
- 15:40-16:00** **Interactive Cases Congenital Heart Disease**
L. Vanhoutte, UCLouvain St. Luc Brussels
10 min Q&A
- 16:10-16:30** **Quiz/Minitest**
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:

€200 (regular)

€75 (fellows/trainees/technicians)

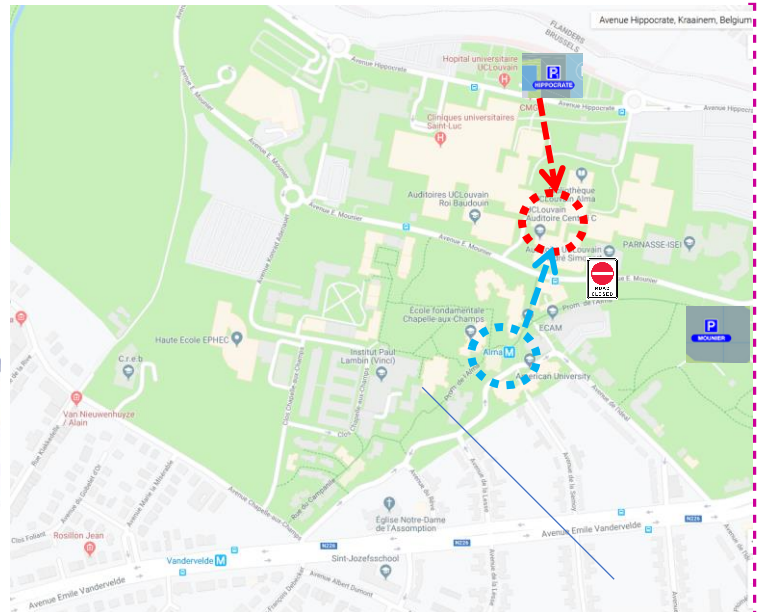
The fees cover the participation and lunch for the whole course (Friday and Saturday).

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:

