



Artificial Intelligence in Cardiovascular Magnetic Resonance Imaging - A Joint Summit of the EACVI and SCMR

5-6 May 2022

Royal College of Physicians, London, UK

Scientific Programme Committee:

Subha Raman (USA): Co-Chair SCMR President

Bernhard Gerber (Belgium): Co-Chair

EACVI Vice-President / CMR Section Chair

Robin Nijveldt (Netherlands): Abstract Chair

Claudia Prieto (UK): Member

Tim Leiner (Netherlands): Member

Daniel Rueckert (UK): Member

Organising Committee:

Chiara Bucciarelli-Ducci (UK)
SCMR Chief Executive Officer

Steffen E. Petersen (UK)
EACVI President-Elect

Day 1 – Thursday 5 May

09:00 - 11:00	Registration	2h
10:45 - 11:00	Welcome and Orientation to the Program	15 min
11:00 - 11:30	Opening Plenary: The Premise for AI in Healthcare	30 min
11:30 - 13:45	Session I: Acquisition	2h15 min
11:30 - 11:45	Fast CMR - clinical practice and unmet needs	15 min
11:45 - 11:50	Q&A session	5 min
11:50 - 12:05	AI for Faster CMR - Technique Talk I	15 min
12:05 - 12:20	AI for Faster CMR - Technique Talk II	15 min
12:20 - 12:35	AI for Faster CMR - Technique Talk III	15 min
12:35 - 12:45	Top abstract: faster CMR acquisition (7'3')	10 Min
12:45 - 13:00	Panel discussion: where should we be going?	15 min



13:00 - 13:45	Industry show case	45 Min
13:45 - 14:45	Lunch break - Exhibits & posters - CMR acquisition	1h
14:45 - 17:00	Session II: Postprocessing	2h15 min
14:45 - 15:00	CMR Postprocessing - clinical practice and unmet needs	15 min
15:00 - 15:05	Q&A session	5 min
15:05 - 15:20	AI for CMR postprocessing - Technique Talk I	15 min
15:20 - 15:35	AI for CMR Postprocessing - Technique Talk II	15 min
15:35 - 15:50	AI for CMR Postprocessing - Technique Talk III	15 min
15:50 - 16:00	Top abstract: CMR postprocessing (7'/3')	10 min
16:00 - 16:10	Panel discussion: where should we be going?	10 min
16:10 - 17:00	Industry show case	50 Min
19:00 - 20:00	Social event	2h

Day 2 – Friday 6 May

08:00 - 10:15	Session III: CMR Reporting	2h15 min
08:00 - 08:15	CMR reporting - clinical practice and unmet needs	15 min
08:15 - 08:20	Q&A session	5 min
08:20 - 08:35	AI for CMR Reporting - Technique Talk I	15 min
08:35 - 08:50	AI for CMR Reporting - Technique Talk II	15 min
08:50 - 09:05	AI for CMR Reporting - Technique Talk III	15 min
09:05 - 09:15	Top abstract: CMR reporting (10'/5')	10 min
09:15 - 09:30	Panel discussion: where should we be going?	15 min
09:30 - 10:15	Industry show case	45 min
10:15 - 11:15	Coffee break: Exhibits & posters - CMR postprocessing and reporting	1h
11:15 - 13:15	Session IV: Standardization	2h
11:15 - 11:30	CMR Standardization - clinical practice and unmet needs	15 min
11:30 - 11:35	Q&A session	5 min
11:35 - 11:50	AI for CMR Standardization - Technique Talk I	15 min
11:50 - 12:05	AI for CMR Standardization - Technique Talk II	15 min



12:05 - 12:20	AI for CMR Standardization - Technique Talk III	15 min
12:20 - 12:30	Top abstract: CMR standardization (7'/3')	10 min
12:30 - 13:15	Panel discussion: where should we be going?	45 min
13:15 - 14:15	Lunch: Exhibits & posters - CMR Standards	1h
14:15 - 15:45	Session V: Discovery in Cardiomyopathies via AI in CMR	1h30
14:15 - 14:30	Cardiomyopathies - clinical practice and unmet needs	15 min
14:30 - 14:35	Q&A session	5 min
14:35 - 14:50	AI for Cardiomyopathy Discovery - Technique Talk I	15 min
14:50 - 15:05	AI for Cardiomyopathy Discovery - Technique Talk II	15 min
15:05 - 15:20	AI for Cardiomyopathy Discovery - Technique Talk III	15 min
15:20 - 15:30	Top abstract: Discovery via AI/CMR in cardiomyopathy (7'/3')	10 min
15:30 - 15:45	Panel discussion: where should we be going?	15 min
15:45 - 16:30	Coffee break: Exhibit & posters - Discovery via AI in CMR	45 min
16:30 - 17:50	Closing Plenary Session: Regulatory Considerations	1h20
16:30 - 16:40	Regulations on AI Research in Europe	10 min
16:40 - 17:10	Regulations on AI Research in the Americas	30 min
17:10 - 17:30	Multinational AI Research: How to Engage Globally	20 min
17:30 - 17:50	Roundtable Discussion and Summit Takeaways	20 min