

## Day 1 programme

8:00 - 8:45	Registration		
8:45 - 9:00	CMR in ESC Cardiology Guidelines		TBA

### CMR BASICS I

09:00 - 09:15	CMR Physics Made Easy			15'	
09:15 - 09:30	CMR Pulse Sequences - short overview			15'	Kaučič (SLO)
09:30 - 09:45	CMR Safety and Scanning devices			15'	Klavs (SLO)
09:45 - 10:00	Discussion 10			15'	

### CMR BASICS II

11:30 - 11:40	LV/RV Function			10'	Zugwitz (SLO)
11:40 - 11:50	LGE and parametric imaging			10'	Lawton (UK)
11:50 - 12:00	Stress CMR and perfusion imaging			10'	Berlot (SLO)
12:00 - 12:10	Image artefacts - basic			10'	Romarič (SLO)
12:10 - 12:30	Discussion			20'	

<b>Physicians track</b>					
<b>CMR in ISCHEMIC HEART DISEASE AND BEYOND</b>					
<b>(with ref. to ESC Guidelines/Recommendations)</b>					
10:00 - 10:15	Chronic Ischemic Heart Disease - Viability			15'	TBA
10:15 - 10:30	CMR in acute chest pain			15'	Lončar (SRB)
10:30 - 10:45	CMR in dilated cardiomyopathy			15'	TBA
10:45 - 11:00	Discussion			15'	

<b>Radiographers track</b>					
10:00 - 10:15	Cardiac Anatomy for CMR Imaging			15'	Zalokar (SLO)
10:15 - 10:30	Standard Cardiac Planes and Planning			15'	Štefanec (SLO)
10:30 - 10:45	ECG Gating: Principles and Troubleshooting			15'	Lawton (UK)
10:45 - 11:00	Discussion			15'	

<b>Physicians track</b>					
<b>CMR in CARDIOMYOPATHIES I</b>					
<b>(with ref. to ESC Guidelines/Recommendations)</b>					
12:30 - 12:40	CMR in Hypertrophic cardiomyopathy			10'	Berlot (SLO)
12:40 - 12:50	CMR in Arrhythmogenic cardiomyopathy			10'	Baritussio (ITA)
12:50 - 13:00	CMR in Nonischemic Myocardial Inflammation (myocarditis, sarcoidosis, eosinophilic myocarditis)			10'	Zdravković (SRB)
13:00 - 13:10	CMR in autoimmune rheumatic diseases			10'	Scatteia (ITA)
13:10 - 13:30	Discussion			20'	

<b>Radiographers track</b>					
12:30 - 12:40	Cine Imaging: Acquisition and Optimization			10'	Lawton (UK)
12:40 - 12:50	Respiratory Motion Compensation Techniques			10'	Mišič (SLO)
12:50 - 13:00	Black Blood Imaging Techniques			10'	Šoba (SLO)
13:00 - 13:10	LGE Acquisition: Protocols and TI Optimization			10'	Sirnik (SLO)
13:10 - 13:30	Discussion			20'	

13.30 - 15.00	<b>Lunch Break</b>				
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15:00 - 16:00	Hands - On Session (group 1)	Reading with experts (group 2)	Live Scanning (group 3)
16:00 - 17:00	Hands - On Session (group 2)	Reading with experts (group 3)	Live Scanning (group 1)

17.00 - 17.30	<b>Coffee break</b>				
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17:30 - 18:30	Hands - On Session (group 3)	Reading with experts (group 1)	Live Scanning (group 2)
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18.30 -19.00	<b>Closing remarks</b>				
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## Day 2 programme

### CMR in VALVULAR and CONGENITAL HEART DISEASE (with ref. to ESC Guidelines/Recommendations)

09.00 - 09.15	CMR in Aortic and pulmonary valve	15'	Podlesnikar (SLO)
09.15 - 09.30	CMR in Mitral and tricuspid valve	15'	Zugwitz (SLO)
09.30 - 09.45	Congenital Heart Disease (non-complex pathologies)	15'	Poropat (SLO)
09.45 - 10.00	Discussion	15'	

### Physicians track CMR in OTHER CARDIAC DISEASES/CONDITIONS - I (with ref. to ESC Guidelines/Recommendations)

10.00 - 10.15	CMR in infiltrative heart disease (amyloidosis, iron)	15'	Zafirovska (SRB)
10.15 - 10.30	CMR in cardio-oncology	15'	Scateia (ITA)
10.30 - 10.45	CMR in sports cardiology	15'	Baritussio (ITA)
10.45 - 11.00	Discussion	15'	

### Radiographers track

10.00 - 10.10	Image artefacts advanced troubleshooting	10'	Lawton (UK)
10.10 - 10.20	Contrast Agents: Safety and Administration	10'	Štih (SLO)
10.20 - 10.30	Challenging patients	10'	Kočar (SLO)
10.30 - 10.40	Economics of CMR	10'	Štefanec (SLO)
10.40 - 11.00	Discussion	20'	

### CMR in OTHER CARDIAC DISEASES/CONDITIONS - II (with ref. to ESC Guidelines/Recommendations)

11:30 - 11:40	Extra-Cardiac Findings in CMR	10'	Segulin (SLO)
11:40 - 11:50	TBA	10'	TBA
11:50 - 12:00	CMR in Pericardium	10'	Zbačnik (SLO)
12:00 - 12:10	CMR in Cardiac Masses	10'	Ponorac (SLO)
12:10 - 12:30	Discussion	20'	

### 12.30 - 14.00 Lunch Break

14.00 - 15.00	Hands - On Session (group 1)	Reading with experts (group 2)	Live Scanning (group 3)
15.00 - 16.00	Hands - On Session (group 2)	Reading with experts (group 3)	Live Scanning (group 1)
16.00 - 17.00	Hands - On Session (group 3)	Reading with experts (group 1)	Live Scanning (group 2)

### 17.00 - 18.00 Quizz and Closing remarks