

ATHENS CMR LEVEL 1-2

WEB SCIENTIFIC
EVENT 2026

SATURDAY 3/10
SUNDAY 4/10 &
MONDAY 5/10

Organized by:

- **Greek College of Clinical Applications of Cardiovascular Magnetic Resonance "CARDIOTOMI"**
- **First Cardiology Clinic, National Kapodistrian University of Athens**

Organized by:



Under the Auspices of the
Greek Rheumatology Society



GREEK RHEUMATOLOGY SOCIETY
A PROFESSIONAL ASSOCIATION OF RHEUMATOLOGISTS (ΕΡΕ-ΕΡΕΡΕ)



The ATHENS CMR Level 1 is accredited by
the European Board for Accreditation in
Cardiology (EBAC) with CMEs

INVITED FACULTY

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- WEBER B.** Director, Cardio-Rheumatology Clinic, Associate Physician, Prevention Cardiology and Cardiovascular Imaging, Assistant Professor I Harvard Medical School, Brigham and Women's Hospital, Boston, USA

Saturday October 3, 2026

9.00-9.05: **Welcome: S. Mavrogeni**

BASIC SCIENCE and ARTIFICIAL INTELLIGENCE COURSE **COURSE COORDINATOR A. ALETRAS** **CHAIR PERSONS: A. ALETRAS, D. VERGANELAKIS**

*Eur Heart J CVI 2021 Current use of cardiac magnetic resonance in tertiary referral centers for the diagnosis of cardiomyopathy: the **ESC EORP** Cardiomyopathy/Myocarditis Registry.*

09.05-09.35: Basic CMR physics

A. Aletras

09.35-10.05: CMR challenges and AI expectations

Th. Papavassiliu

10.05-10.35: AI contribution in CMR diagnostic queries

S.U.I.H. Dar

10.35-10.50: **DISCUSSION**

CMR IN ISHEMIC AND NON-ISCHEMIC CARDIAC DISEASE **CHAIR PERSONS: C. AGGELI, S. MAVROGENI**

2019 Guidelines on Chronic Coronary Syndromes
ESC Clinical Practice Guidelines
 Discussion through clinical cases

10.50-11.20: Stress CMR. Qualitative and quantitative approach and comparison with PET

A. Chiribiri

11.20-11.50: T1, T2 mapping and ECV in acute-chronic ischemic and non-ischemic heart disease

R. Nijveldt

SPEED DATE WITH OS-CMR

(SPONSORED BY CEO)

11.50-12.10: Clinical implications of OS-CMR

M. Friedrich

12.10-12.30: OS-CMR in microvascular coronary artery disease

E. Hillier

12.30-12.50: OS-CMR in Patients with MEtabolic Risk but no Overt Heart Disease

K. Lindsay

12.50-13.10: OS-CMR combining brain and heart

M. Moukarzel

13.10-13.30: OS-CMR in Patients Undergoing General Anaesthesia

K. Fischer

13.30-13.50: **DISCUSSION**

13.50-14.10: **BREAK**

**INTERVENTIONAL CMR (iCMR)
DISCUSSION OF iCMR QUERIES THROUGH CLINICAL CASES
CHAIR PERSONS: :K. GATZOULIS, J.SCHWITTER, P. VARDAS**

(SPONSORED BY IMRICOR)

2022 ESC Guidelines for the management of patients with ventricular arrhythmias and the prevention of sudden cardiac death

Welcome to iCMR symposium

14.10-14.15: **S. Mavrogeni**

14.15-15.15: **M. Kemme**

VT recordings.

- i. Case Narration
 - 1. Clinicalindications
 - 2. Therapy
 - 3. Technologyinvolved (equipment)
 - 4. Anesthesia (Yes/No)
 - 5. North Star + ADAS
 - 6. Ablationworkflow
 - 7. Post ProcedureScanning

15.15-16.15: **F. Laurent, V.Manenti**

AFL recording

- i. CaseNarration
 - 1. Clinicalindications
 - 2. Therapy
 - 3. Technologyinvolved (equipment)
 - 4. Anesthesia (Yes/No)
 - 5. North Star + ADAS
 - 6. Ablationworkflow
 - 7. Post ProcedureScanning

16.15-17.15: **I.Van der Bilt**

- i. Lab design
 - 1. Controlroom
 - 2.Labroom
 - 3. Emergency room
- ii. Technologyinvolved
 - 1. Equipmentdescription
 - 2. Software and interfaces
- iii. Team and workflow
 - 1. ClinicalObjectives
 - 2. InvolvedSpecialists
- iv. CostsBenefits Analysis
 - 1. BusinessPlan
 - 2. BusinessCase x Procedure

17.15-17.45: **BREAK**

17.45-18.45: **J. Schwitter**

1. Closer look at channels in scars to identify substrate for ablation
 - i. Post infarction coronary diseases patients
 - ii. Cardiomyopathies

18.45- 19.15: The Greek experience

G. Andrikopoulos

19.15-19.45: CMR scar vs CARTO

P. Koudounis

19.45-20.15: CMR in Patients with Cardiac Devices

A. Lupi

20.15:-20.45: QUESTIONS AND ANSWERS

P. Dilaveris

A. Kostopoulou

K. Letsas

Sunday October 4, 2026

CMR IN NONISCHEMIC CARDIOMYOPATHIES / VALVULAR DISEASES/ HEART FAILURE

CHAIR PERSONS: **S. ADAMOPOULOS, M. NOUTSIAS**

*2021 Diagnosis and treatment of cardiac amyloidosis: a position statement of the ESC Working Group on Myocardial and Pericardial Diseases
2021 ESC Guidelines for the Diagnosis and Treatment of Acute and Chronic Heart Failure: The "Ten Commandments"*

09.00-09.30: CMR in Myocarditis

K. Mitrousi

09.30-10.00: CMR in Dilated Cardiomyopathy

Z. Tsoumani

10.00-10.30: Arrhythmogenic Cardiomyopathy

A. Christidi

10.30-11.00: CMR in Athletes. The T2 positivity challenge

I. Kylintireas

11.00-11.30: CMR in valvular diseases

M. Kolentinis

11.30-12.00: CMR in cardiac hypertrophy. The challenge of tissue characterization

T. Ntoskas

12.00-12.30: CMR in Heart failure with and without reduced LV ejection fraction

E. Vidalakis

12.30-12.45: **DISCUSSION**

12.45-13.15: How to perform basic+advanced CMR measurements (personal training).
Clinical cases analysed using MEDIS protocols

Coordinators: M. Vermeulen, G. de Waard

13.15-14.00: **BREAK**

CMR IN INFLAMMATORY/SYSTEMIC DISEASES

CHAIR PERSONS: C. AGGELI, A. NTALIANIS, D. TOUSOULIS

2015 ESC Guidelines for the diagnosis and management of pericardial diseases: The Task Force for the Diagnosis and Management of Pericardial Diseases of the European Society of Cardiology (ESC) Endorsed by: The European Association for Cardio-Thoracic Surgery (EACTS).

- 14.00-14.30: CMR in thalassemia
A. Pepe
- 14.30-15.00: CMR in cardio-oncology
D. Maragiannis
- 15.00-15.30: CMR in neuromuscular disorders
G. Chatzantonis
- 15.30-16.00: New perspectives of CMR in female diseases
L. Sierra-Galan
- 16.00-16.15: **DISCUSSION**
- 16.15-16.30: **BREAK**

MR IN CONGENITAL HEART, PULMONARY HYPERTENSION, TUMORS

COURSE COORDINATOR: K. PUSHPARAJAH

CHAIR PERSONS: C. LASKARI, E. NAKOU, K. PUSHPARAJAH

2020 ESC Clinical Practice Guidelines for the management of adult congenital heart disease

- 16.30-17.00: Cardiac masses and tumors in children
C. Laskari
- 17.00-17.30: CMR for pediatric congenital heart diseases. Interaction of echo-CMR
M. Skarlatoudi
- 17.30-18.00: Complementary role of echo-CMR-invasive approach in congenital heart diseases/pulmonary hypertension
K. Pushparajah
- 18.00-18.30: CMR in growing up congenital heart diseases. Advantages/limitations of Echo and CMR.
E. Nakou
- 18.30-18.45: **DISCUSSION**
- 18.45-19.00: **BREAK**

“The great party of CLINICAL CASES”

CHAIRPERSONS: C. AGGELI, S. MAVROGENI

- 19.00-19.15: **G. Sarri**
- 19.15-19.30: **A. Boulmpou**
- 19.30-19.45: **C. Karamarkou**
- 19.45-20.00: **V. Vartela**
- 20.00-20.15: **M. Touloupaki**
- 20.15-20.30: **E. Nikolou**
- 20.30-20.45: **E. Nakou**

Monday October 5, 2026

CARDIO-RHEUMATOLOGY COURSE

2022 Cardiovascular magnetic resonance in autoimmune rheumatic diseases: a clinical consensus document by the European Association of Cardiovascular Imaging

Endorsed by Hellenic Society of Cardiology, Greek Society of Rheumatology and World Scleroderma Foundation

9.00-09.05: **Welcome**
S. Mavrogeni

CARDIO-RHEUMATOLOGY: DO WE REALLY NEED IT? CHAIR PERSONS: C.AGGELI, G. KATSIFIS

09.05-09.30: Role of inflammation in macro and micro-vascular coronary artery disease
G. Kitas

09.30-10.00: Blood biomarkers in the evaluation of CVD in ARDs
S. Panopoulos

10.00-10.30: Advantages and limitations of ECHO in the evaluation of ARDs
L. Gargani

10.30-10.45: **DISCUSSION**

10.45-11.00: **BREAK**

AUTOIMMUNE DISEASES WITH CARDIOVASCULAR INVOLVEMENTSLE-APS CHAIR PERSONS: D. KLETTAS, C. MAVRAGANI

11.00-11.30: The rheumatologist point of view
M. Manoussakis

11.30-12.00: The cardiologist point of view
B. Weber

12.00-12.15: **DISCUSSION**

12.15-12.30: **BREAK**

AUTOIMMUNE ARTHRITIDES CHAIR PERSONS: S. PANOPOULOS, A. PEPE

12.30-13.00: The rheumatologist point of view in Rheumatoid arthritis
G. Katsifis

13.00-13.30: The rheumatologist point of view in seronegative arthritis
K. Klavdianou

13.30-14.00: The cardiologist point of view in autoimmune arthritis
I. Ikonomidis

SYSTEMIC SCLEROSIS-MYOSITIS
CHAIR PERSONS: C. MIHAI, A. SABET

- 14.00-14.30: The rheumatologist point of view in SSc
M. Matucci-Cerinic
- 14.30-15.00: The rheumatologist point of view in myositis
N. Marketos
- 15.00-15.15: The cardiologist point of view in SSc and myositis
S. Mavrogeni
- 15.15- 15.30: **DISCUSSION**
- 15.30-15.45: **BREAK**

VASCULITIS
CHAIR PERSONS: C. BRATIS, A. VENETSANOPOULOU

- 15.45-16.15: The rheumatologist point of view
A. Venetsanopoulou
- 16.15-16.45: The cardiologist point of view
A. Sabet
- 16.45-17.15: Kawasaki disease and coronary angiography. CT vs CMR
E. Androulakis
- 17.15-17.45: Myocardial perfusion in Kawasaki disease
C. Bratis
- 17.45-18.00: **DISCUSSION**

CARDIOVASCULAR IMAGING IN CARDIORHEUMATOLOGY
CHAIR PERSONS: C. AGGELI, M. HINCHCLIFF

- 18.00-18.30: Advanced Cardiovascular Imaging in autoimmune rheumatic diseases
A. Feher
- 18.30-19.00: CMR vs PET in Cardio-Rheumatology
J. Lima
- 19.00-19.30: How to use imaging to assess cardiovascular pathophysiology in autoimmune rheumatic diseases
A. Abbate

“The long day’s journey into night”
LEARNING CARDIO-RHEUMATOLOGY THROUGH CARDIOVASCULAR IMAGING
CHAIR PERSONS: S. MAVROGENI, J. SCHWITTER

- 19.30-19.45: **J. Kim**
- 19.45-20.00: **M. Hinchcliff**
- 20.00-20.15: **T. Dimitroulas**
- 20.15-20.30: **C. Staveri**
- 20.30-20.45: **DISCUSSION**
- 20.45-21.00: **Closing remarks**
S. Mavrogeni

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Program Length: 31 hours, 6 min.