



Le fil rouge

The fil rouge of atherosclerosis:

from brain
to heart imaging

CAGLIARI, 4th / 5th NOVEMBER 2021

President and Chair \ Luca Saba

**SECOND EDITION
INTERACTIVE WEBINAR**



Le fil rouge

President and Chair

Luca Saba

Scientific Directors

Luca Saba – Marco Francone

Max Wintermark – Ajay Gupta

Giuseppe Lanzino – Rodrigo Salgado



POSTER AND ORAL PRESENTATION SUBMISSION

Deadline September 15th 2021

Participants interested in making a poster presentation are invited to submit an abstract. To submit your abstracts you will need to send contact a word file to the following email fratherosclerosis@gmail.com

Accepted abstracts will be invited for presentation in one of the following formats:

**as an oral presentation in a dedicated session
as a poster presentation in the poster web exhibition space**

PROGRAM





PROGRAM DAY 1 CAROTID IMAGING

14.15 Welcome from the conference directors

14.30 SESSION 1

Extra-cranial Imaging part 1: conventional imaging

Max Wintermark, Andrea Falini, Yang Qi, Maria Cova, David Spence

14.30 3D ultrasound: a first level technique, or much more?
Daniel Staub

14.45 Computed Tomography and DECT: what is the reproducibility and the level of comparison with histology?
Daniel Bos

15.00 Magnetic Resonance Angiography: what protocol(s) should be used and why?
Chun Yuan

15.15 Carotid and stroke: what is new from the Trials in 2019-2021 window?
Hooman Kamel

15.30 Q/A session

15.45 SESSION 2

Extra-cranial Imaging part 2:

Cesare Colosimo, Aad van der Lugt, Kevin Demarco, Bruce A Wasserman, Stefano Marcia

15.45 Nuclear Medicine and functional imaging in carotid artery scenario: what we can do and what we should do?
Eline Kooi

16.00 Invasive imaging for carotid artery: myth or reality?
Luis Savastano

16.15 Artificial Intelligence applied to carotid imaging: from detection to characterization and stratification
Thomas Weikert

16.30 Q/A session

16.45 **Expert panel challenge: Carotid imaging: how to optimize and what is the target?**
Multi-modality guided Expert panel
Ajay Gupta, Waleed Brinkji, David Saloner, Myriam Edjlali

17.15 SESSION 3

Imaging and Therapies: guidelines and current insights. What is the correct therapeutical approach?

Giuseppe Lanzino, Nicoletta Anzalone, David Spence, Alessandro Carriero

17.15 Plaque progression and regression: tracking with imaging
John Huston III

17.30 Best Medical Treatment - current Guidelines and future options
Anne Abbott

17.45 Endovascular Therapy: how and when?
Colin Deyrden



PROGRAM DAY 2 CORONARY IMAGING

- 18.00** Carotid Endarterectomy: the perspective of the vascular surgeons
Ulf Hedin
- 18.15** Q/A session
- 18.30** **ROUND TABLE**
Old and new guidelines, potential of and information from imaging. What is the right strategy to optimize stroke prevention?
Multi-modality guided Expert panel
Pier Luigi Antignani, Tobias Saam, Hooman Kamel, Andrew Nicolaides, Kosmas Paraskevas, Maurizio Conti, Simone Comelli, David Spence, Paolo Siotto, Roberto Sanfilippo
- 19.00** Conclusion of the first day

- 14.15** Welcome from the conference directors
- 14.30** **SESSION 4**
Vulnerable plaque and vulnerable patient: the fundamentals
Marco Francone, Massimo Midiri, Alexandros Kallifatidis, Filippo Crea
- 14.30** “Should we focus on the “vulnerable patient” or a “vulnerable plaque?”
Peter Libby
- 14.45** Atherosclerosis: similarities and differences between coronary and carotid arteries
Renu Virmani MD/US
- 15.00** From diagnosis to prognosis: which imaging biomarker?
Birgitta Velthuis
- 15.15** Q/A session
- 15.30** **ROUND TABLE**
Patient vulnerability, coronary stenosis atherosclerosis: what are the targets and tools?
Mariano Scaglione, Birgitta Velthuis, Bruno Loi, David J Maron, Filippo Cademartiri

15.45 SESSION 5

**Coronary plaque assessment:
imaging predicting histology**

Rodrigo Salgado, Antonio Esposito, Giles Roditi, Alberto Boi

15.45 Invasive imaging of coronary arteries: pro and cons
Ziad Ali

16.00 Coronary calcium score: its role in the present and next future
Filippo Cademartiri

16.15 Non-invasive assessment of coronary atherosclerosis
Pál Maurovich-Horvat

16.30 CT Perfusion and FFR: how far from effective invasive measurements?
Rozemarijn Vliegenthart

16.45 ROUND TABLE

**Stenosis, lesion load, vulnerability:
which impact on patient's management?**

Filippo Cademartiri, Christian Cadeddu, Ricardo Budde, Gorka Bastarrika

17.15 SESSION 6

**New trials, new targets and therapies:
guidelines and current insights.**

Gianluca Pontone, Pál Maurovich-Horvat, Marco Francone

17.15 Use of non-invasive imaging tools to guide therapy and monitor pharmacological response
Gorka Bastarrika

17.30 Results from the recent trials: what imaging or therapies should search for?
Ricardo Budde

17.45 ROUND TABLE

**Results from the trial and evidence from the imaging...
is there a fracture?**

Gianluca Pontone, Carlo Nicola de Cecco, Ziad Ali, Maurizio Porcu, Roberta Montisci, David J Maron

18.00 Best poster (first second and third) will be awarded
(To be confirmed)

18.15 HONORARY LECTURE

**Coronary and carotid plaque imaging:
is a unifying vision necessary?**

Christian Loewe

18.45 Remarks – summary – final points and next meeting information (October-November 2023)

19.00 Stop

FACULTY



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Abbott Anne, *Australia*

Ali Ziad, *xxx*

Antignani Pier Luigi, *Italy*

Anzalone Nicoletta, *Italy*

Bastarrika Gorka

Boi Alberto, *Italy*

Bos Daniel, *Netherlands*

Brinjikji Waleed, *USA*

Budde Ricardo, *Netherlands*

Cadeddu Christian, *Italy*

Cademartiri Filippo, *Italy*

Carriero Alessandro, *Italy*

Colosimo Cesare, *Italy*

Comelli Simone, *Italy*

Conti Maurizio, *Italy*

Cova Maria, *Italy*

Crea Filippo, *Italy*

De Cecco Carlo Nicola, *Italy*

Demarco Kevin, *Switzerland*

Deyrden Colin, *USA*

Edjlali Myriam, *France*

Esposito Antonio, *Italy*

Falini Andrea, *Italy*

Francone Marco, *Italy*

Gupta Ajay, *USA*

Hedin Ulf, *Sweden*

Huston John III, *USA*

Kallifatidis Alexandros, *Greece*

Kamel Hooman, *USA*

Kooi Eline, *Netherlands*

Kosmas Paraskevas, *UK*

Lanzino Giuseppe, *Italy*

Libby Peter, *USA*

Loewe Christian, *Austria*

Loi Bruno, *Italy*

Marcia Stefano, *Italy*

Maron David J, *USA*

Maurovich-Horvat Pal, *Ungary*

Midiri Massimo, *Italy*

Montisci Roberta, *Italy*

Nicolaides Andrew, *Cyprus*

Pontone Gianluca, *Italy*

Porcu Maurizio, *Italy*

Qi Yang, *China*

Roditi Giles, *Scotland*

Saam Tobias, *Germany*

Salgado Rodrigo, *Belgium*

Saloner David, *USA*

Sanfilippo Roberto, *Italy*

Savastano Luis, *USA*

Scaglione Mariano, *Italy*

Siotto Paolo, *Italy*

Spence David, *Canada*

Staub Daniel, *xxxx*

Van der Lugt Aad, *Netherlands*

Velthuis Birgitta, *Netherlands*

Virmani Renu, *USA*

Vliegenthart Rozemarijn, *Netherlands*

Wasserman Bruce A., *USA*

Weikert Thomas, *Swiss*

Wintermark Max, *USA*

Yuan Chun, *China*



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Conference Organizer Secretariat

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