



**Le fil rouge**

# **The fil rouge of atherosclerosis: from brain to heart imaging**

**THIRD EDITION**

Hotel Regina Margherita, Cagliari

CAGLIARI, OCTOBER **5/7**, 2023

President and Chair: **Luca Saba**

**THIRD EDITION**



# **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, 2023**

[fratherosclerosis@gmail.com](mailto:fratherosclerosis@gmail.com)

# REGISTRATION FEE

## **In person "face to face"**

Physicians: € 250,00 (VAT 22% included)

### **In-person details**

Admission to all scientific sessions

Access to sponsor exhibition area

A name badge

A certificate of attendance

Lunch

Coffee breaks

Rates are inclusive of VAT

ECM (only italian physicians)

## **Virtual Only**

Physicians: € 150,00 (VAT 22% included)

### **Virtual Details**

Access to the event livestream on the Fil Rouge digital platform during the event

3 months access post-event to the Fil Rouge digital platform

Rates are inclusive of VAT

A certificate of attendance

**PROGRAM**



# PROGRAM DAY 1

- 14.00** Welcome from the conference directors
- 14.10-15.30** **SESSION - Advancement in Imaging technology in carotid and neurovascular imaging**  
*(Bruce A. Wasserman - Ajay Gupta - Stefano Marcia)*
- 14.10** Photon Counting CT: preliminary experience  
*(Mahmud Mossa-Basha)*
- 14.25** Magnetic Resonance: high field and AI applications  
*(Vance Lehman)*
- 14.45** Hybrid Imaging  
*(Eline Kooi)*
- 15.00** Q/A session
- 15.15** **Expert panel challenge**  
**What should be the target of the technological evolution?**  
*(Myram Edjlali - Bruce A. Wasserman - Eline Kooi - Jae Song)*
- 15.30 - 16.45** **SESSION - Understanding the carotid and beyond**  
*(Chun Yuan - Nicoletta Anzalone)*
- 15.30** Intraplaque hemorrhage and its role in plaque progression  
*(Chun Yuan)*
- 15.45** Lipid composition: is there a role?  
*(Giles Roditi)*
- 16.00** Inflammation are we ready to use it?  
*(Bruce A. Wasserman)*
- 16.15** Stenosis and near-occlusion: from the past to the future  
*(Elias Johansson)*
- 16.30** Intracranial and extracranial calcification: similarities and differences  
*(Daniel Bos)*
- 16.45** **Expert panel challenge**  
**Old and new concepts: are there some barriers?**  
*(Daniel Bos - Mahmud Mossa Basha - Massimo Caulo)*
- 17.00 - 17.15** Coffee break
- 17.15 - 19.00** **SESSION - What are the information from the new Trials we have and we are expecting?**  
*(Aad Van Der Lugt - Pierluigi Antignani - Peter Libby)*
- 17.15** CREST-2  
*(James Meschia)*
- 17.30** PARISK  
*(Eline Kooi)*
- 17.45** CAPIAS  
*(Anna Kopczak)*
- 18.00** CASCOM  
*(Anne Abbott)*
- 18.15** ACST  
*(Alison Halliday)*
- 18.30** Q/A session
- 18.45** **Lecture - Preventing ischemic stroke: Identifying the high-risk patient and the high risk carotid plaque**  
*(Ulf Hedin)*
- 19.00** Conclusion of the first day

# DAY 2

- 8.00** Welcome second day – morning
- 8.15 – 9.30** **SESSION – CAD-RADS**  
*(Sara Seitun - Antonio Esposito - Pál Maurovich-Horvat)*
- 8.15** The new CAD–RADS 2.0 classification  
*(Rodrigo Salgado)*
- 8.30** 10 Impact of plaque burden in CAD–RADS  
*(Nicola Galea)*
- 8.45** The CAD–RADS modifier: the impact of myocardial ischemia  
*(Giuseppe Muscogiuri)*
- 9.00** **Expert panel challenge**  
**CAD–RADS: The simplified therapeutic approach based on anatomy**  
*(Antonio Esposito – Rozemarijn Vliegenthart – Jeroen Bax)*
- 9.30 – 10.00** **SESSION – The AI scenario**  
*(Nicola Galea – Vance Lehman)*
- 9.30** Radiomic in atherosclerosis  
*(Carlo Nicola de Cecco)*
- 9.45** Impact of AI in carotid imaging and stroke risk prediction  
*(Ricardo Cau)*
- 10.00** Impact of AI in coronary imaging and prognostic model based on AI  
*(Pál Maurovich-Horvat)*
- 10.15** **Expert panel challenge**  
**The impact of AI in clinical practice?**  
*(Todd Villnies - Nicola Galea - Rodrigo Salgado)*
- 10.30 – 12.00** **SESSION – Carotid revascularization: beyond the prevention of stroke**  
*(Josep Puig – Pierluigi Antignani – Ajay Gupta – Simone Comelli – Gianluca De Rubeis)*
- 10.30** Carotid revascularization beyond the prevention of stroke: the point of view of the vascular surgeons  
*(Giuseppe Lanzino)*
- 10.45** The effects of revascularization on the higher neurological functions and cognition  
*(Anne Abbott)*
- 11.00** The analysis of the effects on the cerebral functions with advanced imaging  
*(Michele Porcu)*
- 11.15** Should we balance revascularization and drug approach by considering more than the ischemic stroke prevention  
*(Kosmas Paraskevas)*
- 11.30** **Expert panel challenge**  
**The “cognition impact” could change the indications?**  
*(Alison Halliday – Ales Blinc – Chun Yuan – Maurizio Melis)*
- 12.00 – 13.00** **SESSION – Carotid artery: multiple presentations, different vascular/endovascular strategies**  
*(Giuseppe Lanzino – Roberto Sanfilippo – Roberto Iezzi)*
- 12.00** Transcarotid Artery Revascularization (TCAR): Current state of the art  
*(Melinda Schaller)*
- 12.15** The magic quartet: Proximal brain protection, dual-layer stent, radial approach and a bit of imaging  
*(Piero Montorsi)*
- 12.30** Carotid stenting restenosis: a new field for drug-coated balloon treatment  
*(Simone Comelli)*
- 12.45** Discussion
- 13.00** Light lunch

	Welcome second day – afternoon	<b>16.10</b>	Interactions between FFR, plaque burden composition and non severe–stenosis <i>(Todd Villines)</i>
<b>14.15 – 15.30</b>	<b>SESSION – The current knowledge in pathology and biology</b> <i>(Gavino Faa – Roberta Montisci – Alison Halliday – Jan Pitha – Peter Libby)</i>	<b>16.30</b>	Brain infarct: when it is due to direct intracranial artery pathology <i>(Danny Mandell)</i>
<b>14.15</b>	Fundamental pathobiology of carotid atherosclerosis and clinical implications stroke prevention, management and therapeutical strategies <i>(Valentina Nardi)</i>	<b>16.50</b>	Q/A session
<b>14.30</b>	Fundamental pathobiology of coronary atherosclerosis and implications for infarct prevention, management and therapeutical strategies <i>(Amir Lerman)</i>	<b>17.00</b>	<b>SESSION – The changing Therapies in a changing world</b> <i>(Bruno Loi – Peter Libby – James Meschia – Perrone Filardi – Giuseppe Lanzino)</i>
<b>14.45</b>	Peri-vessel fat alterations: current knowledge and potential implications for the clinical practice <i>(Marco Guglielmo)</i>	<b>17.00</b>	Carotid artery and stroke. What is the best approach: CEA and CAS? <i>(Ulf Hedin)</i>
<b>15.00</b>	What are the missing points we do not understand in the pathobiology <i>(Peter Libby)</i>	<b>17.15</b>	Carotid artery and stroke. What is the best approach: BMT? Counterpoint <i>(Anne Abbott)</i>
<b>15.15</b>	Q/A session	<b>17.30</b>	<b>Expert panel challenge</b> <b>Following the clues</b> <i>(Anna Kopczak – James Meschia)</i>
<b>15.30 – 16.30</b>	<b>SESSION – Infarct and stroke: it is not matter of vessel stenosis</b> <i>(Alison Halliday - Qi Yang – Giles Roditi – Christian Cadeddu – Kosmas Paraskevas – Maurizio Melis)</i>	<b>17.45</b>	Coronary artery and ischemic heart disease. What is the best approach: invasive? Point <i>(Piero Montorsi)</i>
<b>15.30</b>	The ESUS, when the carotid plaque without stenosis determines stroke: results from the ESC guidelines <i>(George Naitos)</i>	<b>18.00</b>	Coronary artery and ischemic heart disease. What is the best approach: BMT? Counterpoint <i>(Jeroen Bax)</i>
<b>15.50</b>	Coronary with plaque and no stenosis... and Myocardial infarct: imaging findings <i>(Antonio Esposito)</i>	<b>18.15</b>	<b>Expert panel challenge</b> <b>Following the clues</b> <i>(Amir Lerman – Gianluca Pontone)</i>
		<b>18.30</b>	<b>The honorary Lecture of the Fil Rouge – The current future: Photon Counting CT in carotid and coronary arteries</b> <i>(Aad Van Der Lugt)</i>
		<b>19.15</b>	Conclusion of the second day



# DAY 3

- 8.15** Welcome third day – morning
- 8.30 – 10.00** **ROUND TABLE – Special session on carotid artery**  
*(Scott McNally – Ajay Gupta – Alessandro Carriero – Luca Saba  
Tobias Saam – Riccardo Cau – Andreas Schindler – Anna Kopczak -  
Mahmud Mossa Basha)*
- 9.20** Q/A session
- 9.30** **Expert panel challenge**  
**Why it is necessary a new metric system ?**  
*(James K. De Marco – Roberto Sanfilippo)*
- 10.00 – 11.00** **SESSION – Coronary: what are the information from the new Trials we have and we are expecting?**  
*(Rozemary Vliegenthart – Gianluca Pontone – Alberto Boi)*
- 10.00** DISCHARGE  
*(Nicola Galea)*
- 10.10** SCOT-HEART  
*(David E Newby)*
- 10.20** PARADIGM  
*(Filippo Cademartiri)*
- 10.30** PROMISE  
*(Gianluca Pontone)*
- 10.40** **Expert panel challenge**  
**Clinical trials in Cardiac CT: the metamorphosis**  
*(Antonio Esposito – Carlo Nicola de Cecco – Todd Villines)*
- 11.00 – 12.00** **SESSION – Artery Calcium: and old story projected to the future?**  
*(Giuseppe Muscogiuri – Danny Mandell – Marco Guglielmo - Paolo Siotto)*
- 11.00** Carotid Calcium: new evidences  
*(Song Jae)*
- 11.50** Calcium score in primary prevention  
*(Rozemary Vliegenthart)*
- 11.30** CAC score zero: from diagnosis to therapy  
*(Gorka Bastarrika)*
- 11.45** Calcified plaque–can we reassure the patient?  
*(Filippo Cademartiri)*
- 12.00** **Expert panel challenge**  
**Cardiac CT as a screening tool: are we ready for this step?**  
*(Giuseppe Muscogiuri – Piero Montorsi – Jeroen Bax)*
- 12.30** **Best poster/presentation (first, second and third) will be awarded (To be confirmed)**
- 12.45** **Remarks – summary – final points and next meeting information (October- 2025)**

**FACULTY**



# FACULTY

Abbott Anne  
Antignani Pierluigi  
Anzalone Nicoletta  
Bastarrika Gorka  
Bax Jeroen  
Blinc Ales  
Boi Alberto  
Bos Daniel  
Cadeddu Christian  
Cademartiri Filippo  
Carriero Alessandro  
Cau Riccardo  
Caulo Massimo  
Comelli Simone  
De Cecco Carlo Nicola  
De Marco James  
De Rubeis Gianluca  
Edjlali Myram  
Esposito Antonio  
Faa Gavino  
Filardi Perrone  
Galea Nicola  
Guglielmo Marco

Gupta Ajay  
Halliday Alison  
Hedin Ulf  
Jae Song  
Johannson Elias  
Kooi Eline  
Kopczak Anna  
Lanzino Giuseppe  
Lehman Vance  
Lerman Amir  
Libby Peter  
Loi Bruno  
Mandell Danny  
Marcia Stefano  
Pál Maurovich-Horvat  
McNally Scott  
Melis Maurizio  
Meschia James  
Montisci Roberta  
Montorsi Piero  
Mossa Basha Mahmud  
Muscogiuri Giuseppe  
Ntaios George

Nardi Valentina  
Newby David E.  
Paraskevas Kosmas  
Pitha Jan  
Pontone Gianluca  
Porcu Michele  
Puig Josep  
Roditi Giles  
Saam Tobias  
Saba Luca  
Salgado Rodrigo  
Sanfilippo Roberto  
Melinda Schaller  
Schindler Andreas  
Seitun Sara  
Siotto Paolo  
Song Jae  
Van Der Lugt Aad  
Villnies Todd  
Vliegenthart Rozemarijn  
Wasserman Bruce A.  
Yang Qi  
Yuan Chun



# Le fil rouge

## **Scientific Committee**

Antonella Balestrieri  
Alberto Boi  
Riccardo Cau  
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## **Conference Organizer Secretariat**

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