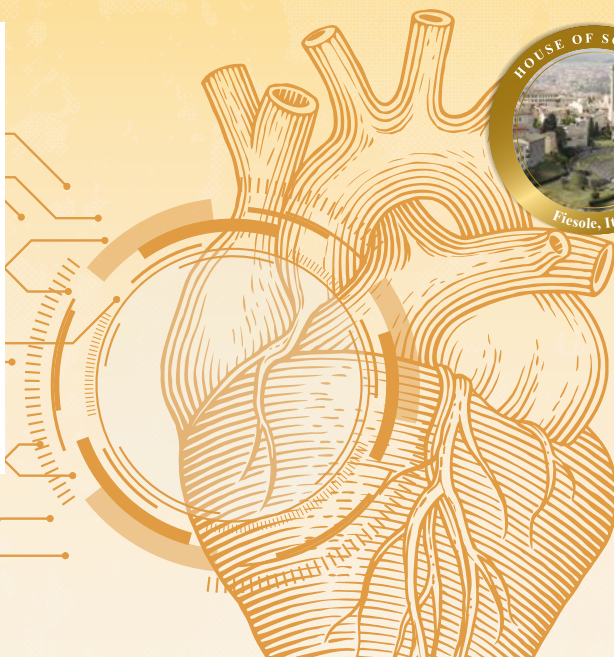# WHF Emerging Leaders 2025 Programme
Artificial Intelligence for Cardiovascular Health through Implementation Research

HOUSE OF SCIENCES
FONDAZIONE MENARINI

15th-19th November, 2025 | Auditorium Fondazione Menarini, Fiesole

WHF EMERGING LEADERS 2025
LEVERAGING ARTIFICIAL INTELLIGENCE FOR CARDIOVASCULAR HEALTH CARE THROUGH IMPLEMENTATION RESEARCH

The World Heart Federation (WHF) Emerging Leaders Programme is a global capacity-building initiative launched in 2014 to train and connect the next generation of leaders in cardiovascular health. Each year, a select group of multidisciplinary professionals from around the world collaborate on a focused theme aligned with WHF's mission to reduce the global burden of cardiovascular disease (CVD).

Artificial Intelligence (AI) holds transformative potential for improving CVD prevention, diagnosis, and management - particularly in low-resource settings, where health systems face chronic workforce shortages, inequities in care delivery, and limited diagnostic infrastructure. From AI-enhanced ECG analysis to mobile health apps and population-level prediction models, the strategic application of AI can support earlier detection, personalize self-management, and improve clinical decision-making at scale.

This year's Emerging Leaders programme will focus on interconnected areas where AI can be most impactful for CVD control in real-world settings.

WHF Emerging Leaders 2025 Programme
Artificial Intelligence for Cardiovascular Health through Implementation Research

PROGRAMME

SATURDAY 15TH NOVEMBER - AFTERNOON

03.00 p.m. - 06.00 p.m. Pre-meeting

SUNDAY 16TH NOVEMBER - MORNING

08.30 a.m. - 09.00 a.m. Welcome and Opening Remarks
President of the Meeting - **J. Narula** (US) 📹
Director of Scientific and Medical Affairs, Fondazione
Menarini – **G. Caracciolo** (IT)
President, Fondazione Menarini – **S. Del Prato** (IT)
CEO World Heart Federation – **F.J. Rode** (CH)

**SESSION I - FOUNDATIONS OF AI, CVD, AND
IMPLEMENTATION SCIENCE**
Chairperson: **D. Xavier** (IN)

09.00 a.m. - 09.30 a.m. Overview of WHF Strategy and EL Programme
P. Perel (CH)

09.30 a.m. - 10.30 a.m. Artificial Intelligence key concepts
A. Ribeiro (SE)

10.30 a.m. - 11.00 a.m. *Coffee break*

11.00 a.m. - 12.00 p.m. AI in Cardiovascular Health: Current Landscape
C. Chow (AU)

12.00 p.m. - 01.00 p.m. *Lunch*

WHF Emerging Leaders 2025 Programme
Artificial Intelligence for Cardiovascular Health through Implementation Research

PROGRAMME	SUNDAY, 16TH NOVEMBER

SUNDAY 16TH NOVEMBER - AFTERNOON

Chairperson: **C. Chow** (AU)

01.00 p.m. - 02.00 p.m.
Barriers to digital health in CVD: Vision to Action
A. Banerjee (UK)

02.00 p.m. - 03.00 p.m.
Implementation Science: Why It Matters and key frameworks
G. Mensah (US) 📹
M. Fernandez (US)

03.00 p.m. - 03.30 p.m.
Coffee break

Chairperson: **A. Banerjee** (UK)

03.30 p.m. - 04.30 p.m.
Leadership Panel
C. Chow (AU)
D. Xavier (IN)
G. Mensah (US) 📹
G. Caracciolo (IT)
F. Jarle Rode (CH)
M. Fernandez (US)

SESSION II - PROJECT KICKOFF
Chairperson: **P. Perel** (CH)

04.30 p.m. - 05.30 p.m.
Introduction to group briefs and goals

Group 1: Personalised Self-Management & Community-Centered AI

Group 2: AI for Diagnosis & Risk Stratification

Group 3: AI for Population Intelligence & System-Level Decision-Making

WHF Emerging Leaders 2025 Programme
Artificial Intelligence for Cardiovascular Health through Implementation Research

PROGRAMME   MONDAY, 17TH NOVEMBER

MONDAY 17TH NOVEMBER - MORNING

08.30 a.m. - 09.30 a.m. Hybrid effectiveness- implementation studies: simultaneously advancing evidence and implementation
G. Mensah (US) 🎥
M. Fernandez (US)

SESSION III

Chairperson: **C. Chow** (AU)

09.30 a.m. - 10.30 a.m. Personalised Self-Management & Community-Centered AI Case studies
C. Chow (AU)
L. Laranjo (AU) 🎥

10.30 a.m. - 11.00 a.m. *Coffee break*

Chairperson: **P. Perel** (CH)

11.00 a.m. - 12.00 p.m. AI for Diagnosis & Risk Stratification Case studies
F. S. Ng (UK) 🎥
T. Ribeiro (BR) 🎥

12.00 p.m. - 01.00 p.m. *Lunch*

WHF Emerging Leaders 2025 Programme
Artificial Intelligence for Cardiovascular Health through Implementation Research

PROGRAMME   MONDAY, 17TH NOVEMBER

MONDAY 17TH NOVEMBER - AFTERNOON

Chairperson: **D. Xavier** (IN)

01.00 p.m. - 01.30 p.m.   AI key concepts II
A. Ribeiro (SE)

01.30 p.m. - 02.00 p.m.   Communications and Media Training
B. Pervan (CH)
P. Orrite (CH)

02.00 p.m. - 03.30 p.m.   Group work (Media and communication training workshop rotating)

03.30 p.m. - 04.00 p.m.   *Coffee break*

Chairperson: **P. Perel** (CH)

04.00 p.m. - 05.00 p.m.   AI for Diagnosis & Risk Stratification Case studies
R. Khera (US) 📹
F. Lopez Jimenez (US) 📹
A. Pedroso (US) 📹

Chairpersons: **M. Fernandez** (US), **P. Perel** (CH)

05.00 p.m. - 06.00 p.m.   Panel discussion on AI ECG
T. Ribeiro (BR) 📹
R. Khera (US) 📹
F. Lopez Jiménez (US) 📹
A. Rafajdus (SK) 📹
A. Pedroso (US) 📹

WHF Emerging Leaders 2025 Programme
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PROGRAMME — **TUESDAY, 18TH NOVEMBER**

TUESDAY 18TH NOVEMBER - MORNING

SESSION IV - FROM EVALUATION TO IMPLEMENTATION
Chairpersons: **G. Mensah** (US), **M. Fernandez** (US)

08.30 a.m. - 09.30 a.m. — Planning Implementation Strategies: An Implementation Mapping Approach
G. Mensah (US), **M. Fernandez** (US)

Chairperson: **D. Xavier** (IN)

09.30 a.m. - 10.30 a.m — Empowering Cardiac Care with AI: Strategies for prevention, management and health system strengthening
T. Raj (IN)
T. Verghese (IN)
D. Prabhakaran (IN)

10.30 a.m. - 11.00 a.m. — *Coffee break*

11.00 a.m. - 11.30 a.m. — AI key concepts III
A. Ribeiro (SE)

Chairperson: **P. Perel** (CH)

11.30 a.m. - 12.00 p.m. — AI in Public Health & Health Policy
P. Del Rey Puech (UK)

12.00 p.m. - 01.00 p.m. — *Lunch*

WHF Emerging Leaders 2025 Programme
Artificial Intelligence for Cardiovascular Health through Implementation Research

PROGRAMME   TUESDAY, 18TH NOVEMBER

TUESDAY 18TH NOVEMBER - AFTERNOON

SESSION V
Chairperson: **P. Del Rey Puech** (UK)

01.00 p.m. - 02.00 p.m.	AI in Public Health and Health Policy II: Country Case Studies **J. Saund** (UK) 📷 **J. Chaudhry**, UK 📷 **L. Law** NHS, UK 📷
02.00 p.m. - 03.30 p.m.	Group work (Media and communication training workshop rotating)
03.30 p.m. - 04.00 p.m.	*Coffee break*
04.00 p.m. - 05.30 p.m.	Group work (Media and communication training workshop rotating)

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PROGRAMME **WEDNESDAY, 19TH NOVEMBER**

WEDNESDAY 19TH NOVEMBER - MORNING

SESSION VI - GROUP WORK

08.30 a.m. - 09.00 a.m.	Group work and presentation preparation
09.00 a.m. - 10.30 a.m.	Progress Reports: Each group presents a project update, receives feedback
10.30 a.m. - 11.00 a.m.	*Coffee break*
11.00 a.m. - 12.00 p.m.	Group Work
12.00 p.m. - 01.00 p.m.	*Lunch*

WEDNESDAY 19TH NOVEMBER - AFTERNOON

01.00 p.m. - 03.00 p.m.	Group Work
03.00 p.m. - 03.30 p.m.	*Coffee break*
03.30 p.m. - 05.00 p.m.	Interactive session on scientific group dynamics
05.00 p.m. - 05.30 p.m.	Presentation of certificates
05.30 p.m. - 06.00 p.m.	Appreciation survey of the event

FACULTY

Amitava Banerjee	University College London, United Kingdom
Giuseppe Caracciolo	Director of Scientific and Medical Affairs, Fondazione Menarini, Italy
Jawad Chaudhry 📹	AI Centre Programme Manager, Kig's College Hospital NHS Foundation Trust, United Kingdom
Clara Chow	University of Sydney, Australia
Stefano Del Prato	President Fondazione Menarini, Affilate Professor at Sant'Anna School of Advanced Studies, Pisa, Italy
Paula Del Rey Puech	National Health Service, London (NHS), United Kingdom
Maria Fernandez	University of Texas Health Science Center, Houston, US
Finn Jarle Rode	World Heart Federation Switzerland
Rohan Khera 📹	Yale Medical School, New Haven, US
Liliana Laranjo 📹	University of Sydney, Australia
Lisa Law 📹	AI Centre Project Manager, King's College Hospital NHS Foundation Trust, United Kingdom
Francisco Lopez Jiménez 📹	Mayo Clinic, Rochester, US
George Mensah 📹	National Heart, Lung, and Blood Institute (NHLBI), Bethesda, US

FACULTY

Jagat Narula 📹	World Heart Federation / University of Texas Health Science Center, Houston, US
Fu Siong Ng 📹	Imperial College London, United Kingdom
Paula Orrite	World Heart Federation, Switzerland
Aline Pedroso 📹	Yale University, US
Pablo Perel	World Heart Federation, Switzerland
Borjana Pervan	World Heart Federation, Switzerland
Dorairaj Prabhakaran	World Heart Federation, Switzerland
Adam Rafajdus 📹	Powerful Medical, Bratislava, Slovakia
Tony Raj 📹	St. John's Medical College and Research Institute Medical College, Karanataka, India
Tom Ribeiro 📹	Federal University of Minas Gerais, Belo Horizonte, Brazil
Antonio Ribeiro	Uppsala University, Sweden
Jasjot Saund 📹	NHS, United Kingdom
Finn Jarle Rode	World Heart Federation Switzerland
Thomas Verghese 📹	St. John's Medical College and Research Institute Medical College, Karanataka, India
Denis Xavier	St. John's Medical College and Research Institute Medical College, Karanataka, India

WHF Emerging Leaders 2025 Programme
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EMERGING LEADERS

Demilade Adedinsewo	United States
Ali Alakhfash	Saudi Arabia
Palash Chandra Banik	Bangladesh
Adrian Bednarek	Poland
Adreina Carbone	Italy
Jaya Chandrasekhar	Australia
Vivienne Guan	Australia
Matthew Earle Guilford	Myanmar
Sabiu Mohammed Hamza	Nigeria
Egide Haragirimana	Burundi
Sandeepa Karki	Nepal
Ify Mordi	United Kingdom
Parul Mutreja	India
Adedayo Edwin Ojo	Nigeria
Gabriela Paixão	Brazil
Joanna Popiolek-Kalisz	Poland
Kganetso Sekome	South Africa

WHF Emerging Leaders 2025 Programme
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EMERGING LEADERS

Deepa Srinivasan	India
Kai Ping Sze	Singapore
Mariama Touray	Switzerland
Pavithren V S Pakianathan	Austria
Constance Viehbeck	United Kingdom
Aishwarya Vijay	United States
Robin Willixhofer	Switzerland
Vegim Zhaku	North Macedonia

GENERAL INFORMATION

VENUE
The venue for the Meeting will be "Auditorium Fondazione Menarini Fiesole" – Piazza Giuseppe Garibaldi, 30 / Fiesole (Italy)

SECRETARIAT DURING THE MEETING
The Secretariat will be open at the following times:
Sunday, November 16th , from 07:30 a.m. to 05:45 p.m.
Monday, November 17th , from 07:30 a.m. to 05:45 p.m.
Tuesday, November 18th, from 07:30 a.m. to 05:45 p.m.
Wednesday, November 19th, from 07:30 a.m. to 05:45 p.m.

OFFICIAL LANGUAGE
The official language of the Meeting will be English

TECHNICAL FACILITIES
Facilities will be available for computer presentations and overhead projections.
A business center with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentation to the business center at least one hour before the session starts.
The center will be open at the following times:
Sunday, November 16th , from 07:30 a.m. to 05:45 p.m.
Monday, November 17th , from 07:30 a.m. to 05:45 p.m.
Tuesday, November 18th, from 07:30 a.m. to 05:45 p.m.
Wednesday, November 19th, from 07:30 a.m. to 05:45 p.m.

LUNCH AND COFFEE BREAKS
Lunch and coffee breaks will be served in the Meeting area.
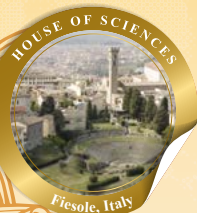
CERTIFICATE OF ATTENDANCE AND SURVEY
At the end of the meeting, faculty members and participants will have the possibility to answer a short appreciation questionnaire accessible using the QR code projected on the screen. After completing the survey it will immediately be possible to download the Attendance Certificate which can be kept, printed and shared.

WORLD HEART FEDERATION

CO-ORGANIZED BY

FONDAZIONE MENARINI

HOUSE OF SCIENCES
Fiesole, Italy

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