Doctoral Networks (DN)

Call: HORIZON-MSCA-2022-DN-01

UNIVERSITÀ DEGLI STUDI DI MILANO

INSIDE-HEART: multI-discipliNary, multi-Sectoral and multi-national trainIng network on Digital biomarkErs for supraventricular arrHythmia charactErizAtion and Risk assessment

Project Nº: 101119941

Start date of the project: 01/11/2023 Duration: 48 months

Project Coordinator: Valentina Corino

INSIDE-HEART Doctoral Candidates' Day Fall 2025

This project has received funding from the European Union's Horizon Europe programme under the Marie Skłodowska-Curie grant agreement No 101119941.

Required Participants: Minimum 1 person per beneficiary + DCs

Organizers' contacts:

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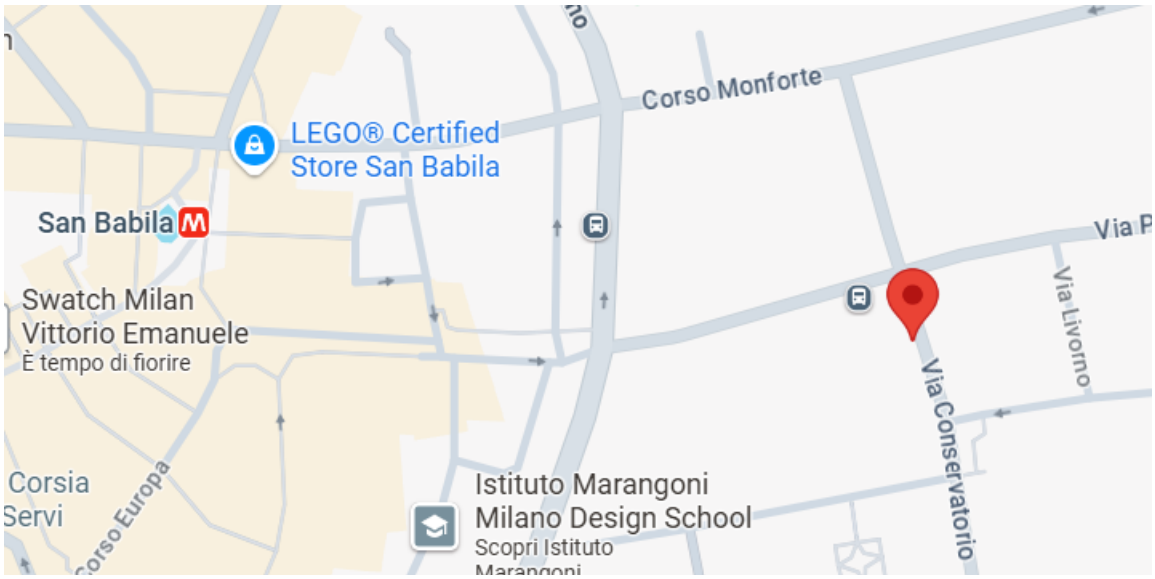
Dates & venues

November 24th - 25th, 2025

Università degli Studi di Milano, Milan, via Conservatorio 7

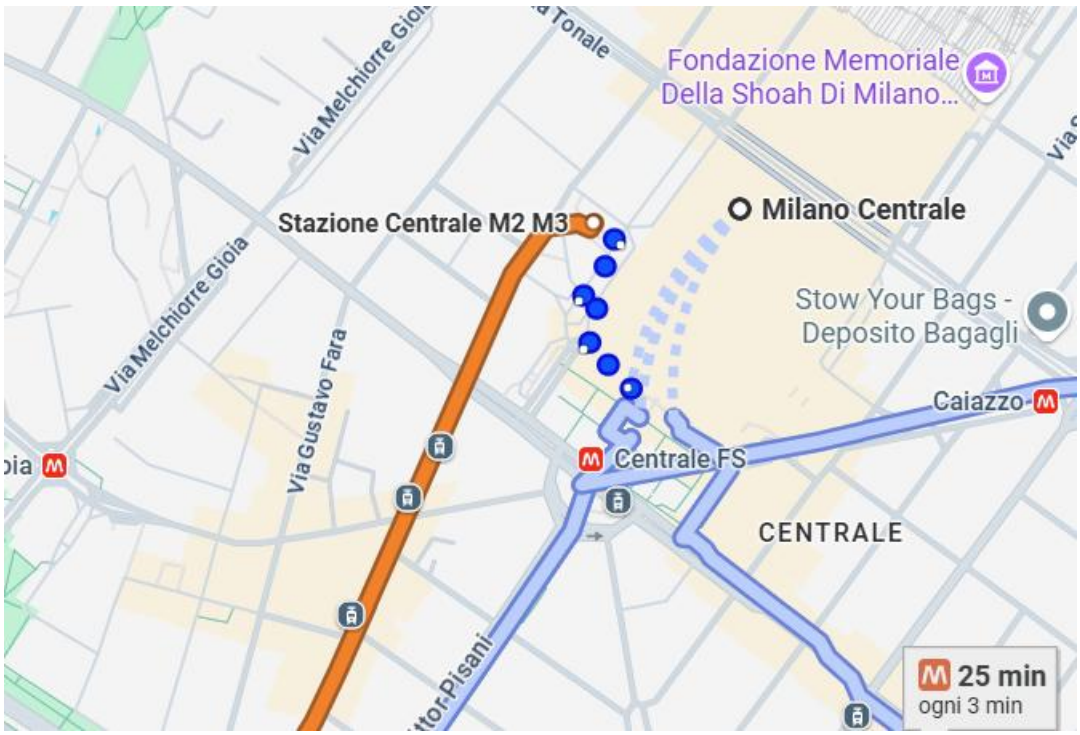
Room: "Sala Lauree" – ground floor



Logistics

The room "Sala Lauree" **is** located at **Via Conservatorio 7**, Università degli Studi di Milano (see attached map above). In the following you will find specific indications on how to reach it by public transport.

From Milano Centrale Station: Take Tram no. 9 (Porta Genova direction), get off at Viale Premuda and walk for 5 minutes.



From Milano Lambrate Station: From via Pacini or Piazza Bottini, get in into the metro MM2 (green line, direction Piazza Abbiategrasso or Assago) to Loreto, transfer on the red line (direction Bisceglie or Rho Fiera Milano) to San Babila and walk 5 minutes.

From Malpensa Airport (MXP), take either a train (called Malpensa Express) or bus to Milano Centrale Station, then follow the instructions above.

From Orio al Serio Airport (BGY), take a bus to Milano Centrale Station, then follow the instructions above.

From Linate Airport (LIN), take the metro MM4 from the terminal (direction San Cristoforo), get off in San Babila, and walk 5 minutes.

Monday , November 24th, 2025 DC's day #1		
Timing	**Topic**	**Speakers**
Afternoon	**DC's presentations**	
12:00 - 13:30	*Light lunch with the consortium*	
13:30 - 14.00	DC1: Integration of novel contact and non-contact digital biomarkers for SVAs screening	**POLIMI – Jacob Botvidsson**
14:30 – 15:00	DC2: IoT-based system to detect and monitor the progress of infant's SVAs	**UTU – Ajdar Ullah**
15:30 - 16.00	DC3: AI biomarker identification to assess SVA evolution as comorbidity of respiration diseases through continuous monitoring with innovative sensors	**BRC – Lucia Vavassori**
16:00 – 16:30	*Coffee break*	
16:30 – 17:00	DC4: Digital biomarkers identification and AI-based analysis for early diagnosis of SVAs in the young and adult population	**CCM – Stefana Bogojevic**
17:00 – 17:30	DC5: AI-based monitoring platform from ECG waveform data acquired from off-the-shelf wearable devices	**CC – Beatriz Cosculluela**
17:30 – 17:50	Supervisory Board meeting.	**BENEFICIARY REPRESENTATIVES* & 2 DCs**
18:00 – 19:00	Guided tour to the historical buildings of La Statale (UMIL)**	**Location: Via Festa del Perdono 7**
19:30	*Dinner*	

* Partner representatives may delegate a beneficiary representative

** We thank the staff of Ufficio Gestione e Valorizzazione dei Beni del Patrimonio Culturale e Museale, Università degli Studi di Milano, for the organization of the guided tour.

Tuesday, November 25th, 2025 DC's day #2		
Timing	**Topic**	**Speakers**
Morning	**DC's presentations**	
09:00 – 09:30	DC6: AI-based predictors of SVA development in patients with comorbidities and suspected SVAs	**NU – Paul Kapust**
09:30 – 10:00	DC7: Digital biomarkers and deep learning for cardiovascular risk prediction in patients with SVAs from continuous long term ECG recordings	**TECH – Lisa Attali**
10:00 – 10:30	DC8: Characterization of thermal and non-thermal AF ablation effects on cardiac and neural structures	**UNIZAR – Andrea Rucco**
10:30 – 11:00	*Coffe break*	
11:00 – 11:30	DC9: AI-based outcome prediction of arrhythmia progression in elderly cardiac patients	**LU – Livia Colucci**
11:30 – 12:00	DC10: Assessment of ventricular repolarization during AF and risk prediction from clinical and wearable ECG	**UMIL – Joachim Kröner**
12:00 – 13:30	*Light lunch with the consortium*	