

## SCIENTIFIC PROGRAM

8:30 - Arrival and registration of participants

9:00- 9.20 – Opening and welcome

**ATTILIO FONTANA** *tbc*, President of Regione Lombardia  
**ALESSANDRO FERMI** *tbc*, Regional Minister for Higher Education, Research, and Innovation of Regione Lombardia  
**MARTA MARSILIO**, President of Fondazione IRCCS Istituto Neurologico Carlo Besta  
**ANGELO CORDONE**, Executive Director of Fondazione IRCCS Istituto Neurologico Carlo Besta  
**GIUSEPPE LAURIA PINTER**, Scientific Director of Fondazione IRCCS Istituto Neurologico Carlo Besta  
**GUNNAR CEDERSUND**, STRATIF-AI Project Coordinator

09:20 – 09: 45 - Introductory lecture

**The STRATIF-AI project: Continuous stratification for improved prevention, treatment, and rehabilitation of stroke patients using digital twins and AI**  
**GUNNAR CEDERSUND**, Sweden

9:45 – 11:00 – First session

Moderators: **GUIDO BARONI**, Italy; **PAOLO FERROLI**, Italy

**Artificial Intelligence as a Tool for Preventive, Predictive, and Personalized Medicine**

09. 45 – 10:15 - **Plenary Lecture: MICHELE PIANA**, Italy

10:15 - 11:00 - Round table

**ADAM HILBERT – Role of AI in clinical decision support in acute ischemic stroke**

**LOVISA TOBIESON – Using AI for acute monitoring in neurosurgery**

**MONICA FLOREA – Bringing data into AI and clinical practice**

**CARMEN ALONSO – Federated learning to bring data into clinical practice**

**CATALINA MARTINEZ COSTA – Making data interoperable and harmonized across different countries**

**JOHN D. KELLEHER – Use of AI in medicine and beyond**

11:00 -11:30 – coffee break

11:30 – 12:45 - Second session

Moderators: **ISABELLA CANAVERO**, Italy; **PIETRO CALIANDRO**, Italy

**Using artificial intelligence to improve stroke management**

11.30 – 12:00 - **Plenary Lecture: PIETRO CALIANDRO**, Italy

12:00 – 12. 45– Round table

**MATILDE LEONARDI – Introducing AI in the neurology department: challenges and strengths**

**SERGE TIMSIT – AI in minor stroke and intracerebral haemorrhage**

**ALEJANDRO GARCIA RUDOLPH – AI in stroke neurorehabilitation: a researcher's perspective**

**STEFAN BUSNATU-GELU ONOSE – AI in stroke neurorehabilitation: a clinician's perspective**

**RORY O'CONNOR – Devices for dignity and AI**

**CARLA SABARIEGO – Using implementation science to foster the uptake of AI in medicine in Europe**

12:45 - 13:15 - Third session

Moderator: **GIUSEPPE LAURIA PINTER**, FINCB and University of Milan

**How can we avoid inequalities thanks to artificial intelligence: a European perspective**

**Plenary Lecture: ELENA MORO**, Italy

13:15 - 13:30 - **Closing remarks**

**GUNNAR CEDERSUND** and **MATILDE LEONARDI**



## SPEAKERS

### PLENARY LECTURES SPEAKERS

**Pietro Caliandro** is the Chair of the European Stroke Organisation AI Committee, Medical Doctor at the Neurology Unit at the Agostino Gemelli University Hospital IRCCS in Rome, professor at the Faculty of Medicine and Surgery of the same university, and holds a PhD in Neuroscience.

**Elena Moro** is the president of the European Academy of Neurology and Professor of Neurology at the Department of Psychiatry, Neurology, and Neurological Rehabilitation at CHU Grenoble, France.

**Michele Piana** is Full Professor of Numerical Analysis at the Department of Mathematics at the University of Genoa, an associate researcher at CNR – SPIN, Genoa, and the coordinator of the MIDA group (Methods for Image and Data Analysis).

### SPEAKERS – STRATIF-AI PARTNERS

**Carmen Alonso** TREE TECHNOLOGY SA, Spain  
**Stefan Busnatu** Emergency Hospital Bagdasar-Arseni, Romania  
**Gunnar Cedersund** Linköping University, Sweden  
**Monica Florea** Software Imagination & Vision Srl, Romania  
**Alejandro Garcia Rudolph** Fundacio Institut Guttmann, Spain  
**Adam Hilbert** Charité – Universitaet medizin, Germany  
**John D. Kelleher** Technological University of Dublin, Ireland  
**Matilde Leonardi** Fondazione IRCCS Istituto Neurologico Carlo Besta, Italy  
**Catalina Martinez Costa** Universidad De Murcia, Spain  
**Rory O'Connor** Leeds Institute of Rheumatic and Musculoskeletal Medicine, United Kingdom  
**Gelu Onose** University of Medicine and Pharmacy "Carol Davila", Romania  
**Carla Sabariego** Schweizer Paraplegiker-Forschung AG, Switzerland  
**Serge Timsit** Centre Hospitalier Regional et Universitaire De Brest, France  
**Lovisa Tobieson** Ostergotlands Lans Landsting Linkoping, Sweden

### MODERATORS

**Guido Baroni** Politecnico di Milano, IT  
**Pietro Caliandro** Policlinico Universitario Agostino Gemelli IRCCS, IT  
**Isabella Canavero** Fondazione IRCCS Istituto Neurologico Carlo Besta, IT  
**Paolo Ferrolì** Fondazione IRCCS Istituto Neurologico Carlo Besta, IT  
**Giuseppe Lauria Pinter** Fondazione IRCCS Istituto Neurologico Besta, IT



STRATIF AI



## SCIENTIFIC AND ORGANIZING COMMITTEE:

**Neurology, Public Health, and Disability Unit, FINCB** *Matilde Leonardi, Giorgia Camarda, Elisabetta Soldini*  
**Cerebrovascular Diseases Unit, FINCB** *Anna Bersano, Isabella Canavero, Benedetta Storti, Nicola Rifino*  
**Neurovascular and Skull Base Neurosurgery Unit, FINCB** *Paolo Ferrolì, Morgan Broggi, Michela Moretti*  
**IT and Informative Systems, FINCB** *Francesca De Giorgi, Giulia Fusi*  
**Education and Training Office, FINCB** *Manuela Bloise*  
**Department of Biomedical Engineering, Linköping University**  
*Gunnar Cedersund*

## INFO AND CONTACTS:

[giorgia.camarda@istituto-besta.it](mailto:giorgia.camarda@istituto-besta.it)  
[elisabetta.soldini@istituto-besta.it](mailto:elisabetta.soldini@istituto-besta.it)  
[formazione@istituto-besta.it](mailto:formazione@istituto-besta.it)

**CME CREDITS:** The required participation threshold is 100% of the total hours planned in the program. According to the guidelines set out in D.G.R. No. 19280 of 29/12/2022, the training event, accredited for CME-CPD purposes, has been pre-assigned **2.1 credits**. The CME certificate will be issued exclusively to participants who have attended the entire training program (attendance recorded through entry and exit signatures) and have completed the customer satisfaction questionnaire. The Scientific Coordinator will draft a report at the end of the program to assess the overall training event. ID ECM: 203797.1

## OFFICIAL LANGUAGE

The official language of the meeting is English.



## REGISTRATION

Entrance is free but registration is compulsory upon completion of this form:

[https://docs.google.com/forms/d/e/1FAIpQLSf\\_oZtUhknYhXwBLVyxKQK4IsYBebA3qus\\_1jb2aoZGd6Z4w/viewform?usp=preview](https://docs.google.com/forms/d/e/1FAIpQLSf_oZtUhknYhXwBLVyxKQK4IsYBebA3qus_1jb2aoZGd6Z4w/viewform?usp=preview)

**Registration deadline: March 30, 2025**

## INTERNATIONAL MEETING UNDER THE AUSPICES OF THE STRATIF-AI CONSORTIUM



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SOCIETÀ ITALIANA DI NEUROLOGIA

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**UNIVERSITÀ**  
DEGLI STUDI  
DI MILANO



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## INTERNATIONAL MEETING

**4<sup>th</sup> April 2025**  
**08.30 – 13.30**

**"Auditorium Testori" Palazzo Lombardia,  
Piazza Città di Lombardia, 1, Milan**

Organized by

The STRATIF AI Consortium – "Continuous stratification for improved prevention, treatment, and rehabilitation of stroke patients using digital twins and AI" and by Fondazione IRCCS Istituto Neurologico Carlo Besta



Fondazione I.R.C.C.S.  
Istituto Neurologico Carlo Besta

Sistema Socio Sanitario

Regione Lombardia