

PRECISION NEUROSCIENCE AND NEUROSURGERY *Innovation and Perspectives*

h 16.00 Institutional address

Enrico Foti

Rector of the University of Catania

h 16.15 Opening remarks and moderators

Giuseppe Barbagallo

Dean of the School of Medicine - University of Catania

Francesco Tomasello

Honorary President of the World Federation of Neurosurgical Societies

Domenico D'Avella

President of Italian Society of Neurosurgery (SINch)

Mario Zappia

President of Italian Society of Neurology (SIN)

Marieme Khouyyi

Research Fellow at F.I.M.R. - Northwell New York

h 16.30 Lecture: *From Anatomical Insight to Surgical Innovation in Complex Skull Base Surgery*

Antonio Bernardo

Professor of Neurological Surgery, Director of the Neurosurgical Innovations & Training

Center for skull base and Microneurosurgery, Weill Cornell Medical College, New York, USA

h 17.00 Lecture: *Stabilization of Parkinson's disease brain networks: A new approach for treatment?*

David Eidelberg

Professor of Neurology and Neuroscience, Director Center of Neurosciences, The Feinstein Institutes for Medical Research, Northwell Health, New York, USA

h 17.30 Lecture: *High-resolution brain-computer interface with electrode scalability and minimally invasive surgery*

Benjamin Rapoport

Professor of Neurosurgery, Scientific Director BioDesign, Icahn school of Medicine, Mount Sinai

Cofounding member of Neuralink, Co-founder and Chief Science Officer, Precision Neuroscience, New York, USA

h 18.00 Question Time

Moderators and Speakers

Aula Magna del Rettorato

Palazzo Centrale dell' Università degli Studi di
Catania - Piazza dell' Università, 2 - Catania



17 luglio 2026, h 16.00

IN OMNIBUS CIVITATIBUS
BENEDICIMUS