

SUMMER SCHOOL 2025

PHD NEUROSCIENCE



I: JUNE 30TH - JULY 04TH

II: SEPTEMBER 22ND TO 26TH

**GENOVA UNIVERSITY
& TEAMS**



UNIVERSITÀ DEGLI STUDI
DI GENOVA



ISTITUTO
ITALIANO DI
TECNOLOGIA



Join the Teams Channel of Summer School

Coordinator of
Neuroscience PhD
Prof. Lino Nobili

topics:

MON - 30 JUNE

PHD DAY

WED - 02 JULY

**GENE THERAPIES IN
NEUROSCIENCE**

THUR - 03 JULY

STATISTIC IN LIFE SCIENCE

FRI - 04 JULY

PHD DAY

MON - 22 SEPT

A.I IN BIOMEDICINE

TUE - 23 SEPT

MOTOR & SPORT SCIENCE

WED - 24 SEPT

SLEEP & CONSCIOUSNESS

THUR - 25 SEPT

ART & NEUROSCIENCE

FRI - 26 SEPT

**ROBOTIC, WEREABLE &
MONITORING TECHNOLOGIES**

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NEUROSCIENCE SUMMER SCHOOL 2025



**AULA MAGNA CLINICA
NEUROLOGICA**

I.Go Paolo Daneo 3, Genova



2 - 5 PM

MONDAY- SEPT 22ND **ARTIFICIAL INTELLIGENCE IN** **BIOMEDICINE**

02: 00 PM

Opening Session and Presentation of the Week's Agenda

02:00 PM

From Cloud to Bedside: The pitfalls and opportunities of AI in medicine

Prof. Carlo Tacchetti, IRCCS Ospedale San Raffaele, Milano

03:30 - 04:30 PM

Computational models for data analysis in neuroscience

Prof. Michele Piana, Università di Genova

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**AULA 34 POLO DIDATTICO
BIOMEDICO (EX SAIWA)**

c.so Gastaldi 161, Genova



09 AM - 05 PM

TUESDAY- SEPT 23RD

MOTOR & SPORT SCIENCE

CHAIR: Prof. P.Ruggeri, E.Faelli, A.Bisio

FROM 09 AM - MORNING

Muscle aging and sarcopenia: scientific evidence and physical activity-based prevention strategies

Prof. Matteo Bonato, Università degli Studi di Milano

LUNCH BREAK

FROM 2 PM - AFTERNOON

**Muscle fatigue and intense exercise effects
on motor control and learning**

Prof. Matteo Bertucco, Università di Verona

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**AULA 02 POLO DIDATTICO
BIOMEDICO (EX SAIWA)**

c.so Gastaldi 161, Genova



09 - 12 AM

WEDNESDAY- SEPT 24TH SLEEP & CONSCIOUSNESS

CHAIR: Prof. Lino Nobili

09: 00 AM

Opening Session and Presentation of the Day's Agenda

09:15 - 10:15 AM

Prof.Lino Nobili, Università di Genova, Istituto G.Gaslini

10:30- 11:30 AM

Prof. Marcello Massimini, Università degli Studi di Milano, Milano

12:00 AM - 01:00 PM

Dott.ssa Beatrice Orso, Università di Genova

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AULA GINECOLOGIA PAD.01

L.go Benzi R. 10, GENOVA



CASA PAGANINI

Piazza di Santa Maria in Passione, 34, 16123 Genova



09 AM - 05 PM

THURSDAY- SEPT 25TH ART & NEUROSCIENCE

CHAIR: Prof. Lino Nobili

09:30 AM

Prof. Giuliano Avanzini, Istituto Besta, Milano

12:00 AM

Prof. Luciano Fadiga, Università di Ferrara

LUNCH BREAK & TIME TO REACH CASA PAGANINI

03:00 - 05:00 PM

InfoMus-Casa Paganini

Prof. Antonio Camurri, Università di Genova

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**AULA 02 POLO DIDATTICO
BIOMEDICO (EX SAIWA)**

c.so Gastaldi 161, Genova



09 AM - 12AM

FRIDAY- SEPT 26TH

ROBOTIC, WEREABLE & MONITORING TECHNOLOGIES

09:30 AM

Robotics in Stroke rehabilitation

Prof. Carlo Trompetto, Università di Genova, IRCCS San Martino

11:00 AM

Dott. Matteo Laffranchi, Istituto Italiano di Tecnologia, Genova