



Istituto Internazionale di Tele-

International Institute of Tele-Medicine

Medicina

# **GIAM/GAIM – Gruppo di Intelligenza Artificiale in Medicina/Group of Artificial Intelligence in Medicine**

*and*

## **ISMIT**

International School of Medical Informatics and Telemedicine

### **Tutorial/Advanced Course (V Edition) on**

## **Data Analytics, Statistical Software and Artificial Intelligence in Medicine**

**July 11-12, 2025**

**Desio – Italy**

### *Topics*

- ✚ Electronic Medical records; Clinical Databases; Biomedical Databanks
- ✚ Hospital, Health Information Systems and Epidemiological Registers
- ✚ Medical data integration over Internet and web-based application in Biomedicine
- ✚ Elements of Data Analysis and Bio-Statistics
- ✚ Statistical Methods applied to Biomedicine and Epidemiology; examples and exercises.
- ✚ Survey and introduction to some statistical software: (i.e. SAS, SPSS, MatLab, Statistica, S/R): Data acquisition, management commands and statistical functions; case studies and exercises.
- ✚ Elements of AI, Medical knowledge and reasoning Decision tree, Logic programming
- ✚ Clustering, Similarity and classification criteria
- ✚ Artificial Neural Networks, Machine Learning Deep Learning and predictions in care processes
- ✚ Classical and generative AI tools (Chat GPT, Gemini,); Applications and examples in medical field

### *Course Faculty:*

- ✚ **Francesco Sicurello**, President of IITM - ISMIT Course Director
- ✚ **Fulvio Adorni**, ITB-CNR Milan
- ✚ **Piermario Gerthoux**, IITM Vice- President
- ✚ **Giancarlo Mauri**, University of Milan Bicocca
- ✚ **Alessandro Orro**, ITB-CNR Milan
- ✚ **Gianni Pellicanò**, Istituto Prosperius, Florence
- ✚ **Anisa Rula**, University of Brescia
- ✚ **Asma Hasan Sbaih**, Ahliya University, Palestine
- ✚ **Peter J. Tonellato**, Harvard Medical School
- ✚ **Marco Villa**, Epidemiologist, Ats Cremona
- ✚ **Italo Zoppis**, University of Milan Bicocca

**Deadline for registration: June 30, 2025 (Minimum of participants 20)**

**For more information and participation modalities ((complete program, costs, logistic, etc.)  
please contact: [francesco.sicurello01@gmail.com](mailto:francesco.sicurello01@gmail.com) or +393483833502 (whatsapp)**