

IITM

Istituto Internazionale di Tele-Medicina
International Institute of Tele-Medicine

ISMIT

International School of Medical Informatics and Telemedicine

Advanced Course (V Edition) on

Data Analytics and Statistical Software in Medicine

October 3-7, 2017

Desio - Italy

Programme Topics

- ✚ Medical records; Clinical Databases; Genomic Databanks
- ✚ Hospital and Health Information Systems;
- ✚ Epidemiological Registers. Cancer Data Base, Clinical Trials and Genetics Epidemiology
- ✚ Medical data integration over Internet and web-based application in Biomedicine
- ✚ Elements of Data Analysis and Bio-Statistics
- ✚ Methods of Statistics applied to Biomedicine and Epidemiology; examples and exercises.
- ✚ Survey and introduction to some statistical software: SAS, SPSS, MatLab, Statistica, S/R; Examples of applications
- ✚ Using of SPSS Package: Data acquisition, management commands and statistical functions; case studies and exercises.
- ✚ Using of R statistical language and web service for data analysis; examples of applications, case studies and exercises.
- ✚ Data mining (Rapid Miner..), Clustering, neuronal networks, Machine Learning: examples and applications

Course Faculty:

- ✚ **Francesco Sicurello**, President of IITM - ISMIT Director
- ✚ **Abdel-Badeeh M. Salem**, Ain Shams University Abbasia, Cairo-Egypt
- ✚ **Piermario Gerthoux**, IITM Vice- President
- ✚ **Giancarlo Mauri**, University of Milan Bicocca
- ✚ **Luciano Milanese**, ITB-CNR Milan
- ✚ **Alfredo Nicolosi**, ITB-CNR Milan
- ✚ **Peter J. Tonellato**, Harvard Medical School
- ✚ **Marco Villa**, Lombardia Region
- ✚ **Italo Zoppis**, University of Milan Bicocca

Deadline for registration: September 15, 2017

For more information (full program, complete faculty, etc.) and participation modalities (logistic, costs,..) please contact: segreteria@iitm.eu