



PhD course in Translational Specialistic Medicine 'G.B. Morgagni'

"Shaping a World-Class University

BIostatistics and Epidemiological Methods"

26-30 September 2022

September 26, 2022 – 02:00-05:20 pm C.E.S.T. Time

Topic 1: "Evidence Synthesis and Causal Inference in Epidemiology"

Moderator: **Annibale Biggeri**, Professor of Medical Statistics - University of Padova - IT

02:00–02:20 pm Topic Introduction

02:20–03:00 pm "Evidence Synthesis in Epidemiology"
Francesco Forastiere, Imperial College London UK and CNR
Consiglio Nazionale delle Ricerche - IT

03:00–03:40 pm "Causal Inference in Epidemiology"
Neil Pearce, LSHTM London School of Hygiene & Tropical
Medicine - UK

03:40–04:20 pm "Causal Inference I"
Alessandra Mattei, University of Firenze - IT

04:20–05:00 pm "Causal Inference II"
Fabrizia Mealli, University of Firenze - IT

05:00–05:20 pm Floor discussion

September 27, 2022 – 02:00-05:00 pm C.E.S.T. Time

Topic 2: "Biomarkers and Genetic Epidemiology"

Moderator: **Cristina Canova**, Professor of Medical Statistics - University of Padova - IT

02:00–02:20 pm Topic Introduction

Luca Vedovelli, Post-Doc Fellow in Biostatistics- University of Padova - IT

02:20–03:00 pm "Using Genomics to Understand Novel Causes of Cancer"

Paul Brennan, IARC International Agency for Research on Cancer - FR

03:00–03:40 pm "Increasing the Clinical Relevance of Observational, Population-based Studies using Genomics"

Cristian Pattaro, EURAC Research - IT

03:40–04:20 pm "Dna Methylation in Epidemiological Research"

Gianluca Severi, University of Firenze - IT

04:20–05:00 pm "Metabolomics in Nutritional Epidemiology"

Frank B Hu, Harvard University - USA

05:00–05:20 pm Floor discussion

September 28, 2022 – 02:00-05:20 pm C.E.S.T. Time

Topic 3: "Citizen Science"

Moderator: **Matteo Martinato**, Post-Doc Fellow in Medical Statistics - University of Firenze - IT

02:00–02:20 pm Topic Introduction

02:20–03:00 pm “Citizen Science and Clinical Research”
Cinzia Colombo, Istituto Mario Negri - IT

03:00–03:40 pm “Ethical aspects in Citizen Science and Environmental
Epidemiology”
Antonella Ficorilli, Sapienza University of Roma - IT

03:40–04:20 pm “Barcelona Citizen Science on NO₂ and Cognitive Disorders”
Florence Gignac, ISGlobal Barcelona Institute for Global
Health - SP

04:20–05:00 pm “A Citizen Science Study on Wood Burning”
Frederique Floering, Utrecht University - NL

05:00–05:20 pm Floor discussion

September 29, 2022 – 02:00-05:20 pm C.E.S.T. Time

Topic 4: “Geographical Epidemiology”

Moderator: **Dolores Catelan**, Professor of Medical Statistics - University of
Padova - IT

02:00–02:20 pm Topic Introduction

02:20–03:00 pm “Model-based Geostatistical Methods for Global Population
Health Research: Design and Analysis of Prevalence Surveys”
Peter Diggle, Lancaster University - UK

03:00–03:40v “Cluster and Cluster detection”
Renato Assunção, University of Federal de Minas Gerais, Belo
Horizonte - BR

03:40–04:20 pm “Mapping Human Visceral Leishmaniasis, Canine Leishmaniasis and *P. perniciosus* in Piedmont”
Giovenale Moirano, University of Torino - IT

04:20–05:00 pm “Spatiotemporal models in Environmental Epidemiology”
Konstantinoudis Garyfallos, Imperial College London - UK

05:00–05:20 pm Floor discussion

September 30, 2022 – 02:00-05:00 pm C.E.S.T. Time

Topic 5: “Environmental Epidemiology”

Moderator: **Francesco Sera**, Research Associate in Medical Statistics -
University of Firenze - IT

02:00–02:20 pm Topic Introduction

02:20–03:00 pm “Climate Change and Environmental Epidemiology”
Chava Peretz, Tel Aviv University - IL

03:00–04:00 pm “Novel time series methods in epidemiology and public health”
Antonio Gasparrini, LSHTM London School of Hygiene &
Tropical Medicine - UK

04:00–05:00 pm “Health co-benefits of low environmental impact diet”
Silvia Maritano, University of Torino - IT

05:00–05:20 pm Floor discussion

click here to access the zoom meeting:

<https://unipd.link/phdsummer>



<https://www.timeanddate.com/worldclock/italy/padua>