

Online plenary sessions of the STRATOS 2024 Lorentz workshop:
'STRATOS accelerated guidance for real world data analysis'

Online participation is open to all members/employees of sponsoring organizations.
Registration through: <https://fd24.formdesk.com/universiteitleiden/form692714626>

Monday 16th Sept 11:30-12:30 CEST

Combining Machine Learning with Statistical Methods

11.30-12.00 Stijn Vansteelandt (Ghent University, BE) 20'+10'
'Causal machine learning'

12.00-12.30 Maarten Van Smeden (UMC Utrecht, NL) 20'+10'
'Predictive machine learning'

Discussant Lisa McShane (National Cancer Institute, USA)

Chairs: Aris Perperoglou (GSK, UK) and Anne de Hond (UMC Utrecht, NL)

Tuesday 17th Sept 9.00-10.00 CEST

Estimands and time-to-event analysis

9.00-9.20 Kelly Van Lancker (Ghent University, BE) 15'+5'
'Estimands in clinical studies'

9.20-9.40 Malka Gorfine (Tel Aviv University, IL) 15'+5'
'Estimands in illness-death settings'

9.40-10.00 Nan Van Geloven (Leiden UMC, NL) 15'+5'
'Prediction estimands'

Chair: Saskia le Cessie (Leiden UMC,NL)

Wednesday 18th Sept 9.00-10.00 CEST

Simulating and synthesizing data for biostatistical methods development, evaluation and dissemination

9.00-9.20 Georg Heinze (Medical University of Vienna, AT) 15'+5'
'Phases of methodological development in biostatistics'

9.20-9.40 Tim Morris (University College London, UK) 15'+5'
'Structured planning and reporting of simulation studies'

9.40-10.00 Sabine Hoffmann (Ludwig-Maximilians University, DE) 15'+5'
'Making biomedical research data publicly available while protecting confidentiality'

Chair: Willi Sauerbrei (University of Freiburg, DE)

Wednesday 18th Sept 17.30-19.00 CEST

Debate: 'Dissemination of statistical guidance to applied researchers'

Panel members: Lisa McShane (National Cancer Institute, USA), Jonathan Bartlett (LSHTM, UK), and others

Thursday 19th Sept 9.00-10.00 CEST

Developing an open-source case study dataset

9.00-9.20 'Project SENSYN: Making sensitive data reusable through synthetic data generation' 15'+5'

9.20-9.40 'Generation of synthetic data for diverse data types' 15'+5'

9.40-10.00 STRATOS discussion on case study data shared across topic groups (15'+5')

Chairs: Hein Putter (LUMC, NL) and Katherine Lee (Melbourne Children's Trial Centre, AUS)