Oral presentations			
Author Name	**Title**	**Date**	**Time**
Opening ceremony		**9-Jun**	**9:45**
Mikhail Kanevski	On Spatial Data Science	9-Jun	10:00
Stefan Steger	The need to account for spatial landslide data bias effects in statistically-based landslide modelling		11:15
Gaetano Pecoraro	Detection of landslide clusters in Italy using space-time scan statistics		11:30
Stefania Gentili	A pattern recognition approach for strong following earthquake forecasting		11:45
Christoph Schmidt	Distribution of monogenetic volcanism along the Cameroon Line		12:00
Sebastiano Trevisani	A diachronic mapping of soil organic content in Croatia		12:15
Luc Rongiéras	Monte-Carlo Kriging: An application to insurance data		12:30
Daniela Castro Camilo	Practical strategies for fitting Extreme-Value statistical models with a view towards environmental and ecological applications	9-Jun	14:00
Raphaël de Fondeville	Functional Peaks-over-threshold Analysis and its Applications		15:15
Raphaël Huser	Estimating high-resolution Red Sea surface temperature hotspots, using a low-rank semiparametric spatial model		15:30
François Bavaud	Local indicators of multivariate spatial autocorrelation: a weighted formalism		15:45
Stylianos Hadjipetrou	Sentinel-1 SAR Level-2 OCN Offshore Wind Speed Time-Series Simulation using Multiple-Point Statistics		16:00
Ben Marchant	Optimized spatial surveys of peat thickness utilising remote sensing data		16:15
Yanwen Wang	Considering spatio-temporal dependence in k-fold cross-validation		16:30

Marc Barthelemy	Understanding the spatial structure of cities: some results and challenges	10-Jun	10:00
Juste Raimbault	Building simulation models coupling territorial and network dynamics at the interface of disciplines and scales		11:15
Luiza Azolin	A strategy for selecting transit routes to operate in critical situations		11:30
Roberto Murcio	Modelling urban networks using Variational Autoencoders		11:45
Keti Lelo	Airbnb presence in European cities: a comparative study between Rome, Barcelona and Berlin		12:00
Huriel Reichel	Inferring the construction year of buildings based on topographic maps		12:15
Martin Behnisch	Using spatial regression approaches and tree-based models to analyse drivers of urban sprawl		14:00
Alon Sagi	Using machine learning algorithms to detect patterns of urban processes in residential neighborhoods		14:15
Maria Elena Castiello	Random forest for archaeological predictive modeling: An explorative application to the Canton of Zurich		14:30
Lars Kouwenhoven	Poverty distribution mapping using a random forest algorithm		14:45
Hiroyuki Usui	A bottom-up approach for delineating urban areas: Optimum criteria for building interval and built cluster size minimising the connection cost of built clusters		15:00
Yufei Wei	Scaling of urban heat island and nitrogen dioxide with urban population: a meta-analysis		15:30
Dani Broitman	Land value dynamics and the spatial evolution of cities following COVID 19 using big data analytics		15:45
Nilima Nilima	On the Impact of deviations from normality on the performance of spatial models		16:00
Katarina Mayer	Disease mapping in stray animals using hidden Markov models and spatial modeling		16:15
Anna Dmowska	A pattern-based, stochastic approach to analysis and visualization of spatial distribution of race in urban settings		16:30

Devis Tuia	Interactive deep learning for animal conservation from above	11-Jun	14:00
Lucas Schmutz	Super-resolution of satellite imagery using GANs		11:15
Fatemeh Zakeri	Deep-time snow cover in the Western Swiss Alps: generating long-term Landsat imagery consistent with climate data		11:30
Bastien FRANCOIS	Adjusting spatial dependence of climate model outputs with Cycle-Consistent Adversarial Networks		11:45
Gregoire Mariethoz	Combining global climate models using local information		12:00
Andrew Tedstone	Identifying the runoff limits of the Greenland Ice Sheet using the Landsat satellite archive		12:15
Jan-Philipp Sasse	High resolution spatial modeling of central Europe’s electricity system in 2035 for near-optimal feasible scenarios		14:00
Raul Zurita-Milla	On the use of mixed-effects models in spatio-temporal machine learning models		14:15
Andrea Trucchia	Machine Learning based wildfire susceptibility analysis at regional scale: the experience in Liguria, Italy		14:30
Joana Parente	Post-fire soil erosion risk map in Portugal: prediction and validation		14:45
Annalisa Minelli	Semi-Automated Data Processing and Semi-Supervised Machine Learning for the Detection and Classification of Water-Column Fish Schools and Gas Seeps with a Multibeam Echosounder		15:00
Mirko D'Andrea	A Machine Learning algorithm to nowcast lightning occurrence		15:30
Michael Tso	Visualization and analytics for UK Predatory Bird Monitoring Scheme submissions		15:45
Catherine Pfeifer	Assessing the power of crowd-sourced data to map the suitability for valorisation of Green Infrastructure with aromatic and medicinal plants		16:00
Laura Natali	Improving epidemic testing and containment strategies using machine learning		16:15
Craig Anderson	Disaggregation of areal unit count data		16:30