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ECMI | Modelling Week
july 3-9, 2022

Francesco Cordoni
University of Trento

Machine learning and deep learning models for modelling and predicting radiation-induced DNA damages in radiotherapy

Idoia Cortes-Garcia
TU Eindhoven

Modelling and simulation of magnetic levitation

Matthias Ehrhardt
Wuppertal University

Mathematical modelling to predict COVID-19 dynamics

Michele Ginesi
University of Verona

Trajectory learning via stable dynamical systems

Thomas Goetz
University of Koblenz-Landau

Influence of human mobility on the dynamics of COVID spread

Elisa Iacomini
RTWH Aachen

Impact of stop and go waves in vehicular traffic

Ismael Medina & Olga Minevich
University of Göttingen

Optimization of renewable energy plant locations

Giovanni Poccobelli
REVO

Time-space optimization of risk concentration for rainfall parametric insurance policies

Marek Skarupski
Wrocław University of Science and Technology

How to win a horse?

Andrea Turso
Niris

Deep learning for modelling filamentous sludge bulking