WASCOM XXI

Thursday, June 9, morning, Hotel Nettuno

Chairman: Henri Gouin

09.00 *Modal selection for inclined Darcy-Bénard convection in a regular cavity*
Andrew Rees

09.30 *Convective, absolute and spatial instability in porous media*
Antonio Barletta

10.00 *First-order thermodynamics of scalar-tensor gravity*
Andrea Giusti

10.15 *Detecting stability and multi-stability in multispecies non-local advection-diffusion models*
Valeria Giunta

10.30 Coffee Break

Chairman: Giuseppe Saccomandi

11.00 *Some mathematical aspects of charge transport in graphene*
Vittorio Romano

11.30 *A time delayed deterministic model for the spread of COVID-19 with calibration on a real dataset*
Giorgia Vitanza

11.45 *A seismic wave propagation study based on an original parallel domain decomposition algorithm*
Angela Ricciardello

12.00 *Analysis of nonlinear non-Fourier heat transport in two Dimensions*
Carmelo Filippo Munafò

12.15 *Facing nonlinear wave problems through the method of differential constraints*
Alessandra Rizzo