



WASCOM XXI

Friday, June 10, morning, Hotel Nettuno

Chairman: Natale Manganaro

09.00 *Nonlinear vibrations of circular cylindrical shells: a bifurcation analysis*
Marco Amabili

09.30 *Direct simulation Monte Carlo of the Wigner transport equation*
Orazio Muscato

10.00 *Discontinuous-Galerkin Methods for a Kinetic Cucker-Smale Model*
Vincenzo Sciacca

10.15 *Pattern formation in excitable systems*
Gaetana Gambino

10.30 Coffee Break

Chairman: Francesco Oliveri

11.00 *Segregation Patterns in Intraguild Predation Models*
Maria Carmela Lombardo

11.30 *Rayleigh-Bénard Convection in Spherical Shells*
Luca Santelli

11.45 *Modelling the role of individuals' viral load in the spread of infectious diseases*
Rossella Della Marca

