

PhD Poster Day

PhD in Pure and Applied Mathematics
Università degli Studi di Torino - Politecnico di Torino

2019, November 22th 10.00 - 13.30

First Session: 10.00 - 11.30

PhD Student	Cycle	Title
Agostini Claudio	XXXIV	<i>Generalized descriptive set theory and Polish spaces</i>
Arditti Laura	XXXIV	<i>Graphicality and decomposition of games</i>
Arias Alexandre	XXXIV	<i>Global Denjoy-Carleman hypoellipticity for a class of systems of complex vector fields and perturbations</i>
Bini Giulia	XXXIII	<i>Meanings and affordances of mathematical internet memes</i>
Busetto Martina	XXXIV	<i>Virtual Element Method: multigrid and multiphase</i>
Cianfanelli Leonardo	XXXIII	<i>Optimal intervention in traffic networks via effective resistance approximation</i>
Damonte Luca	XXXIV	<i>Shocks and protections</i>
D'Elia Lorenza	XXXIII	<i>A study of stiff Neumann problem via asymptotic analysis</i>
De Gregorio Alessandro	XXXIII	<i>Weak isometry for finite metric spaces</i>
Della Santa Francesco	XXXIII	<i>Neural networks for flux regression and backbones identification in Discrete Fracture Networks</i>
Galvagno Franco	XXXIII	<i>Mathematical models for analysis and forecasting of renewable power flows in the electric grid</i>
Guerra Marco	XXXIV	<i>Network skeletonization via minimal homology bases</i>
Marcon Francesca	XXXIV	<i>VEM discretization of an elastoplastic problem</i>
Marinov Tsvetlin	XXXIV	<i>The universal σ_n Replacement formula</i>
Massai Leonardo	XXXIII	<i>Contagion in financial networks</i>
Montana Federica	XXXIV	<i>Thermodynamics theory of active fluids</i>
Orizzonte Andrea	XXXIV	<i>Barbero-Immirzi connections in Loop Quantum Gravity - A (non) uniqueness result</i>
Salvatore Francesca	XXXIV	<i>Balanced metrics on 6-dimensional cohomogeneity one manifolds</i>
Trapasso Ivan	XXXIII	<i>Time-frequency analysis of Feynman path integrals</i>

Coffee Break: 11.30 - 12.00

Second Session: 12.00 - 13.30

PhD Student	Cycle	Title
Antonelli Vincenzo	XXXII	<i>Vector bundles on low-dimensional varieties</i>
Bahmani Iman	XXXII	<i>Special apolar subset: the case of star configurations</i>
Barbero Marta	XXXII	<i>Analysing backward reasoning and epistemic actions</i>
Beccuti Francesco	XXXIV	<i>Visualization as vision, imagination and intuition</i>
Boni Filippo	XXXIV	<i>Ground states for a doubly NLS equation on a star graph</i>
Bernardi Sara	XXXII	<i>Modeling the swarming behavior of honeybees</i>
Canneori Gian Marco	XXXIII	<i>The planar anisotropic N-centre problem</i>
Conti Beatrice	XXXII	<i>Cumulant spectrum for transport in deterministic dynamical systems</i>
Coretti Alessandro	XXXIII	<i>Transport properties and fluctuation relations in external magnetic field via molecular dynamics simulations</i>
D'Auria Alessandro	XXXII	<i>Adaptivity strategies for flow simulations in fracture media using polygonal meshes</i>
Di Stefano Salvatore	XXXII	<i>Structural adaptation of biological tissues</i>
Dovetta Simone	XXXII	<i>NLS ground states on the two-dimensional grid: dimensional crossover and a continuum of critical exponents</i>
Esfahanian Maziar	XXXII	<i>Quantum Information Theory: A toposopher's point of view</i>
Fiandaca Giada	XXXIII	<i>A mathematical study of the emergence of intratumour metabolic heterogeneity</i>
Loy Nadia	XXXII	<i>Jump processes and collision-like models in the kinetic description of multi-agent systems</i>
Nuca Roberto	XXXIII	<i>Eulerian-Eulerian models for particulate transport in fluids: sand transport and kinetic theory</i>
Sacchetto Lidia	XXXII	<i>A minimal binary classifier providing a proper ROC curve</i>
Ramirez Torres Ariel	XXXIV	<i>Effective properties of hierarchical biological tissues</i>
Ruighi Alice	XXXIII	<i>Discontinuous ground states for NLSE on R</i>