

PhD program
Mathematics, Physics and applications for Engineering
Kick-off meeting XXXIV cycle
Dipartimento di Matematica e Fisica, Aula G
Caserta, 4 febbraio 2019

9:15 Welcome

Chairperson N. Itaco

9:20 G. Petrillo

A minimal model for seismic occurrence

9:45 A. Chirico

Photorefractive crystals for biological applications

10:00 L. D'Amelia

Technical and Economic Optimization of combined Biogas and Lactic Acid production from organic fraction of municipal solid waste and agri-food industry waste

10:20 O. Adewole

Measurement of the radioactive concentration levels of industrial waste products from Lagos metropolis

10:35 J. Brocchieri

Application of XRF technique in the field of cultural heritage

11:00 Coffee break

Chairperson L. Gianfrani

11:30 R. Mancino

Neutrinoless Double-Beta Decay & Realistic Shell-Model Calculations

11:50 L. Campanile

Modeling of traffic effects in a router for Autonomic networks

12:05 L. P. Paduano

The rheology of complex fluids

12:30 S. Gravina

Deep-UV Light Generation For Mercury Spectroscopy and Temperature Metrology

12:45 Session close

Chairperson A. D'Amore

14:00 G. Falco

Micro remotely piloted aerial vehicles integrated with GPS for civil purposes

14:15 E. Oleandro

Pyro-electrification of polymeric sheets: a new technique for bacteria-related applications

14:35 R. Martone

Rheology of model and real concentrated suspensions

14:55 V. Ricciardi

A proton irradiation facility for radiobiological studies at Circe laboratory

15:15 R. Dell'Aversano

Development of eco-friendly and high performance materials for civil and engineering sector

15:40 A. Borrata

O-minimality and some its applications

15:55 Coffee break

Chairperson A. Ferone

16:30 A. Roviello

Lusin property and Sard theorem: new synthesis results

16:55 R. Zona

Discrete Models on Limit Analysis

17:10 M. Maiuriello

Iterated Functions, Attractors and Their Measure

17:25 M. Menale

Kinetic Theory for Modelling Complex Systems

