UNIVERSITÀ DI PARMA

DIPARTIMENTO DI SCIENZE MATEMATICHE, FISICHE E INFORMATICHE
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SEMINARIO

CICLO DI SEMINARI BAT-MAT (Biscuits and Tea - Maths)

Dott.ssa **Donatella GRANATA**, ricercatrice IAC-CNR

Mercoledì 2 marzo 2022, **ore 14:30**

Aula B, Plesso di Matematica/Informatica

Network Interdiction and Critical Disruption Path problems

Tutti gli interessati sono invitati a partecipare

Organizzatori: Davide Addona, Paolo Baroni, Nicoletta Tardini

Abstract: *Many real-life optimization problems can accurately be represented as networks, this talk will be structured in two main parts. In the first one, we will introduce how it is important from interdiction perspectives to predict and evaluate the behavior of the system, via measuring the rules governing individual vertices, edges, or associated substructures, whose malfunctioning prevents the functionality of the network as a whole. In the second part, we will deal with the Critical Disruption Path problem presenting some variants and exact and meta-heuristics procedures to face it.*

Alla fine del seminario verrà offerto un piccolo rinfresco in Common Room.