FLorence OPtimization talkS

Organized by

(NODA) Numerical Optimization and Data Analysis group (DIEF)
(GOL) Global Optimization Laboratory (DINFO)
University of Florence

March 27th 2026

Francesco Rinaldi

Full Professor at Università di Padova

Time&Location: 11:00 a.m. – Room 107 – CDD Morgagni

Title: *Projection-Free Optimization in Action: Scalable Methods for Network Science and Graph Learning*

Abstract: This talk explores the use of projection-free algorithms, such as the Frank-Wolfe Method and its variants, for constrained optimization problems. We analyse both theoretical and computational properties of those methods. Additionally, we discuss some applications in, e.g., graph learning, and complex network analysis where the methods enable scalable and efficient solutions.