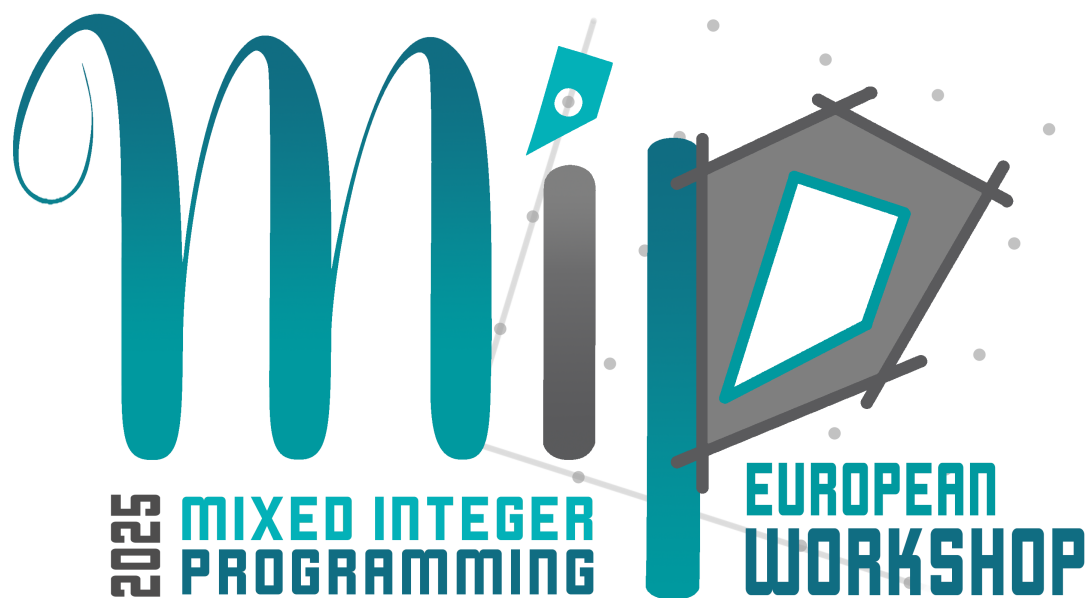
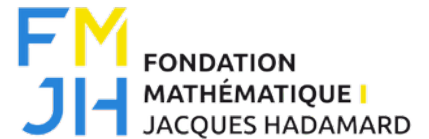




European Mixed Integer Programming Workshop
JULY 1 – JULY 3, 2025

Université Clermont-Auvergne
Clermont-Ferrand, France

SPONSORS



Day 1 - July 1st

08:30 - 08:50	Registration <i>Pôle Commun Building</i>
08:50 - 09:00	Opening Remarks
09:00 - 09:40	Integrate Environmental and Societal Issues into our Research in OR? <i>Nadia BRAUNER</i>
09:45 - 10:15	Break
10:15 - 11:00	Adjustable Robust Mixed-Integer Nonlinear Network Design <i>Johannes THÜRAUF</i>
11:00 - 11:45	Integer Programs meet Fixed-Parameter Tractability <i>Alexandra LASSOTA</i>
11:45 - 13:30	Lunch break
13:30 - 14:15	Accelerating Branch-And-Price by Heuristic Pricing for Integrality <i>Elina RÖNNBERG</i>
14:15 - 15:00	A Characterization of Unimodular Hypergraphs with Disjoint Hyperedges <i>Meike NEUWOHNER</i>
15:00 - 15:30	Break
15:30 - 16:15	Strong Bounds for Large-Scale Minimum Sum-of-Squares Clustering <i>Veronica PICCIALLI</i>
16:15 - 17:00	MIP Aspects of Google OR-tools CP-SAT solver <i>Frédéric DIDIER</i>
17:00 - ∞	Poster Session <i>ISIMA building</i>
18:00 - ∞	Tasting of local products <i>ISIMA building</i>

Day 2 - July 2nd

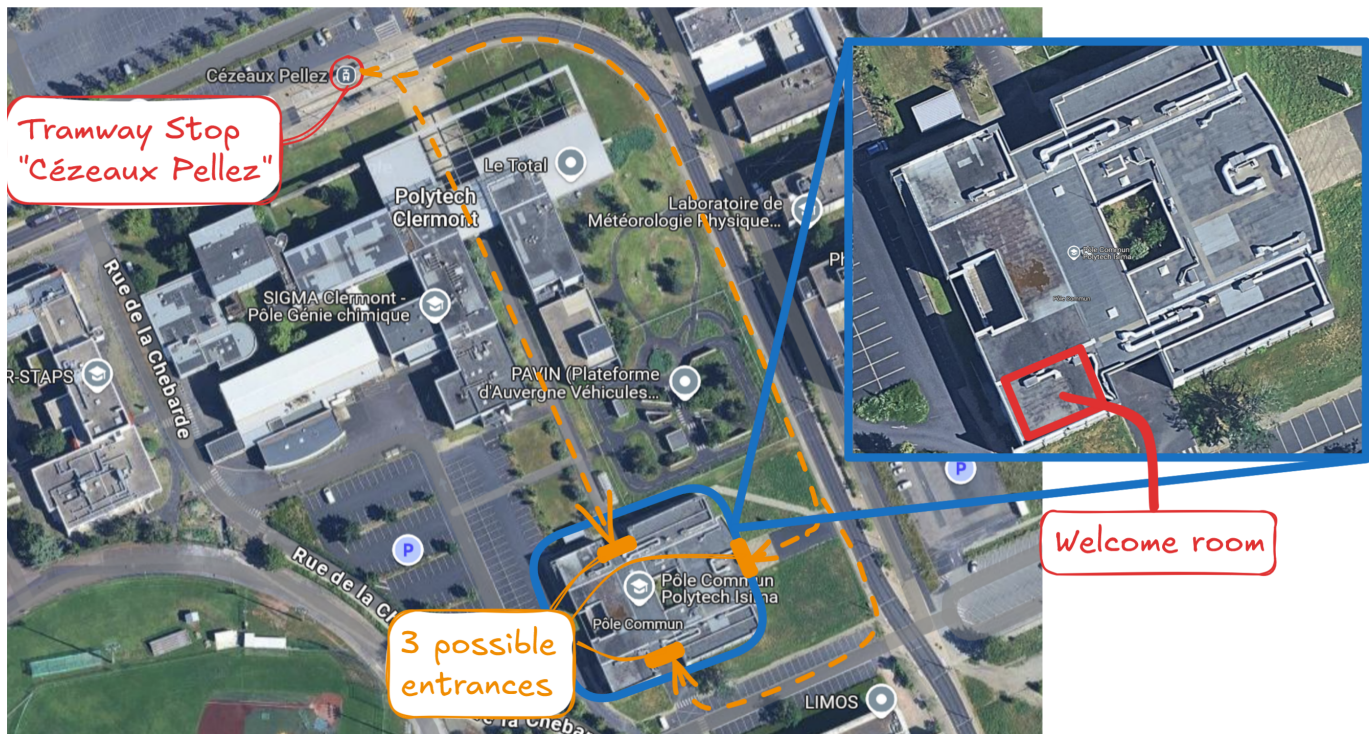
09:00 - 09:40	Semidefinite Approximations for Bicliques and Biindependent Pairs <i>Monique LAURENT</i>
09:45 - 10:15	Break
10:15 - 11:00	Hidden Bilevel Structures in Graph Disconnection Problems: Stackelberg Game Models and Exact Algorithms <i>Fabio FURINI</i>
11:00 - 11:45	MIP Solver Performance: What's Really Needed? <i>Leona GOTTWALD</i>
11:45 - 13:30	Lunch break
13:30 - 14:15	An Exact Method for Nonlinear Network Flow Interdiction Problems <i>Martin SCHMIDT</i>
14:15 - 15:00	Efficiently Solving Special Instances of NP-Hard Problems: Integer Programs with Bounded Subdeterminants <i>Yelena YUDITSKY</i>
15:00 - 15:30	Break
15:30 - 16:15	Engineering the Simplex Method <i>Laurent PORRIER</i>
16:15 - 17:00	Dantzig-Wolfe and Fenchel Decompositions: Hybridation and Degeneracy <i>François LAMOTHE</i>
19:00 - ∞	Gala Dinner <i>Brasserie Madeleine</i>

Day 3 - July 3rd

09:00 - 09:40	Scheduling Nonlinear Flow Network Reconfiguration <i>Sophie DEMASSEY</i>
09:45 - 10:15	Break
10:15 - 11:00	Sparse Integer Solutions and Approximations <i>Stefan KUHLMANN</i>
11:00 - 11:45	Decomposition Methods for Quadratic Programming <i>Lucas LÉTOCART</i>
11:45 - 13:30	Lunch break
13:30 - ∞	End of workshop

CONFERENCE VENUE

From Clermont-Ferrand downtown, the workshop location is most easily reached by taking **tram line A** and exiting at **stop Cézeaux Pellez**.



CONFERENCE VENUE

The lectures of MIP Europe will be in the **Pôle Commun building**, next door to the LIMOS laboratory / ISIMA on **1 Rue de la Chebarde, 63178 Aubière**.

