The Optimization Days aim to survey theory, numerical methods, and applications of optimization. They provide researchers from around the world the opportunity to exchange and to collaborate.

We especially encourage presentations on new methods of optimization and their applications. The conference languages will be French and English.

For more information, please visit our website.

**Plenary Speakers**

- **RODOLPHE LE RICHE**, CNRS LIMOS, France
  *Which Gaussian Process for Bayesian Optimization?*

- **LEO LIBERTI**, CNRS LIX, École Polytechnique, France
  *Random Projections in Mathematical Programming: Survey and New Directions*

- **CLAUDIA ALEJANDRA SAGASTIZÁBAL**, Unicamp, Brazil
  *Energy Markets Modeled as Equilibrium Problems with Equilibrium Constraint*

- **MARIO VEIGA PEREIRA**, PSR, Brazil
  *Multiscale Stochastic Co-Optimization of Reserves, Storage, Renewables and Flexibility Resources in Large Scale Systems*

- **ANDREAS WÄCHTER**, Northwestern University, USA
  *The APRA-E Grid Optimization Competition*

**Tutorials**

- **MARGARIDA CARVALHO**, Université de Montréal, Canada
  *Mathematical Programming for Games*

- **YOUSSEF DIOUANE**, Polytechnique Montréal, Canada
  *Stochastic Nonlinear Least-Squares Methods with Application to Data Assimilation and Machine Learning*

- **CAROLINA OSORIO**, GERAD - HEC Montréal, Canada
  *Surrogate Modeling for High-Dimensional Simulation-Based Optimization Problems*

- **PIERRE-OLIVIER PINEAU**, HEC Montréal, Canada
  *Modelling Decarbonized Electricity Markets in Northeastern North America*

**Organizing Committee**

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