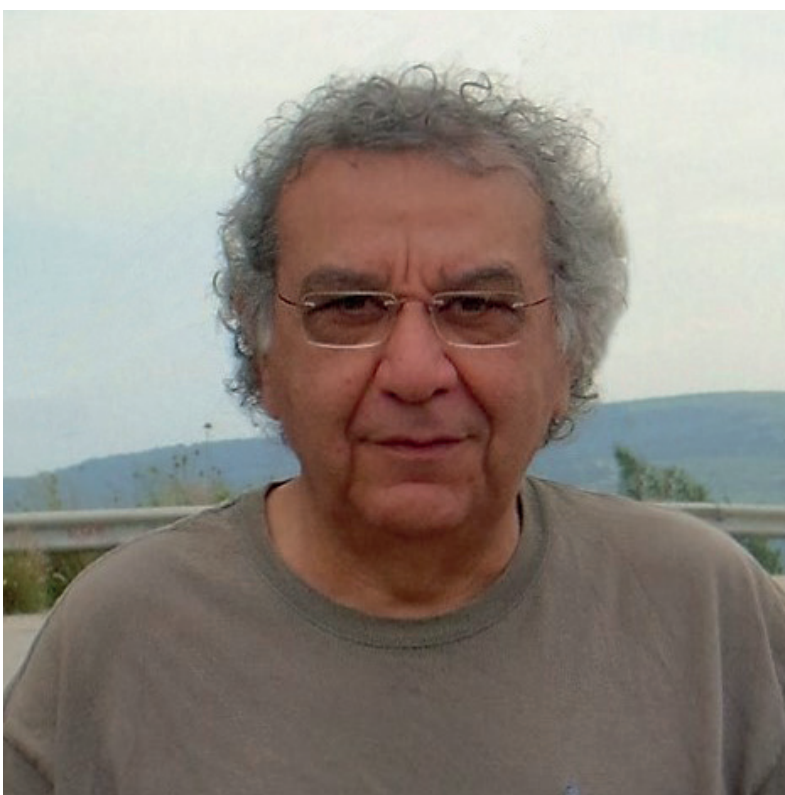


FIRST ORDER OPTIMIZATION METHODS

January, 25 - 26, 2017
Amphi Poisson, École polytechnique

an exceptional lecture series given by
Marc Teboulle (Tel Aviv University)



PGMO and M2 OPTIMISATION

<https://www.fondation-hadamard.fr/fr/pgmo/seminarcourses>
<https://webens.math.u-psud.fr/-optimization>

Wednesday 25th and Thursday 26th:
9h30 -12h30 and 14h00 -16h00

*Gradient/subgradient methods; Fast proximal-gradient algorithms;
Non-Euclidean algorithms; Smoothing techniques, First order dual-based
methods; Decomposition schemes; first order methods beyond convexity;
Convergence and complexity analysis.*

*This lecture series is organized by Fondation Mathématique
Jacques Hadamard and École polytechnique, in the framework
of the Gaspard Monge Optimization Programme supported by EDF.*

Lectures are open to researchers and graduate students.

*Registration (free of charge) on
<https://www.fondation-hadamard.fr/fr/pgmo/seminarcourses>*

*Directions and campus access :
<http://www.polytechnique.edu/en/maps-and-directions>*

Organizers:

P. Carpentier (ENSTA)
S. Charousset (EDF)
S. Gaubert (INRIA and Ecole Polytechnique)
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