

Ettore Majorana Centre for Scientific Culture
International School of Mathematics “G. Stampacchia”

40th Workshop on
LARGE SCALE NONLINEAR OPTIMIZATION

June 22 - July 1, 2004

Erice, Italy

OBJECTIVES

The Workshop aims to review and discuss recent advances in the development of methods and algorithms for Nonlinear Optimization and its Applications, with a main interest in the large dimensional case, the current forefront of the research effort.

TOPICS

Topics include, but are not limited to, constrained and unconstrained optimization, large scale optimization, global optimization, derivative-free methods, interior point techniques for nonlinear programming, linear and nonlinear complementarity problems, variational inequalities, nonsmooth optimization, neural networks and optimization, applications of nonlinear optimization.

LECTURES

The workshop will consist of invited lectures and contributed lectures. Invited lecturers who have confirmed the participation are: D.P. Bertsekas, F. Bonnans, O. Burdakov, Y. Evtushenko, F. Facchinei, J. Gondzio, N. Gould, A. Griewank, L. Grippo, S. Leyffer, L. Luksan, J. Moré, J. Nocedal, J.S. Pang, P. Pardalos, M.J.D. Powell, L. Qi, E.W. Sachs, S. Scholtes, J.P. Vial, H. Wolkowicz, M.H. Wright, J. Zhang.

PROCEEDINGS

An agreement with Kluwer Academic Publishers is pending to publish the Proceedings of the Workshop including the invited lectures and a selection of contributed talks.

Further information can be found at the URL:

<http://www.dis.uniroma1.it/~erice2004>

or requested to the e-mail address:

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