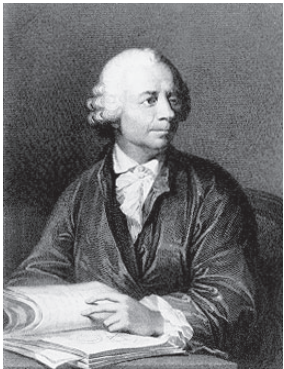


WORKSHOP ON THE CALCULUS OF VARIATIONS IN 2005

Carnegie Mellon University, Pittsburgh, PA
October 17–19, 2005

THE LIST OF SPEAKERS INCLUDES:

Margarida Baia, Instituto Superior Técnico, Lisboa, Portugal
Bernard Dacorogna, École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland
Gianni Dal Maso, SISSA, Trieste, Italy
Gilles Francfort, Université Paris-Nord, Paris, France
Piotr Hajlasz, University of Pittsburgh
Michal Kowalczyk, University of Chile, Santiago, Chile
Jan Malý, Charles University, Prague, Czech Republic
Juan Manfredi, University of Pittsburgh
Paolo Marcellini, University of Florence, Florence, Italy
Vincent Millot, Carnegie Mellon University
Massimiliano Morini, SISSA, Trieste, Italy
Pedro Santos, Instituto Superior Técnico, Lisboa, Portugal



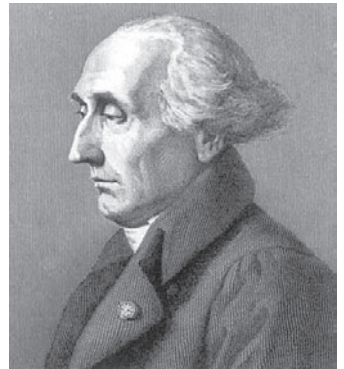
Leonhard Euler
1707–1783

$$\int_{\Omega} f(x, u, \nabla u) dx$$

...a functional...

$$\operatorname{div}(\partial_{\xi} f(x, u, \nabla u)) = \partial_u f(x, u, \nabla u)$$

...and its Euler-Lagrange equation...



Joseph Louis Lagrange
1736–1813



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