



Preface

The Italian school of Mathematical Analysis owes a great deal to Antonio Ambrosetti, Professor at the International School for Advanced Studies in Trieste.

Following the paths pioneered by his maestro Giovanni Prodi, and exploring yet new ones, he has successfully developed some of the most powerful and elegant tools of modern Nonlinear Analysis and has used them to study significant applications. A hard worker, he is and has been an example and a mentor for many young mathematicians. His fundamental contributions to Critical Point Theory and to the theory of Partial and Ordinary Differential Equations have led the way to many subsequent developments and are a source of inspiration for many mathematicians all over the world. Antonio Ambrosetti has also played an important role in international cooperation, through his numerous initiatives at the Scuola Normale in Pisa, at SISSA, at ICTP, and in networks of the European Union.



Antonio Ambrosetti and his grandson Tommaso

To honor him on the occasion of his sixtieth birthday (November 25, 2004), colleagues and students organized an International Symposium on Variational Methods and Nonlinear Differential Equations, held in Rome, January 10–14, 2005. The plenary speakers at this Symposium have gladly agreed to write up their lectures and the Journal of the European Mathematical Society is proud to publish them.

We are happy to present this journal issue to Antonio Ambrosetti with our gratitude and our best wishes for many years of inspired research.

Vittorio Coti Zelati
on behalf of the Organizers of the Symposium

Haim Brezis
Editor-in-Chief, Journal of the European Mathematical Society