Dolomites Research Notes on Approximation

The Fourth Dolomites Workshop on Constructive Approximation and Applications

Abstract

The organizing committee is summarizing the main facts of the Fourth Dolomites Workshop on Constructive Approximation and Applications.

The Fourth Dolomites Workshop on Constructive Approximation and Applications was held from September 8 till September 13, 2016 at the conference facilities of the University of Verona located in the heart of the Dolomite mountains at Alba di Canazei. Professor Annie Cuyt kindly arranged to have her 60th birthday this year and we took the opportunity to dedicate the conference to this happy event. Interested readers will find in this issue a biography of Annie's scientific life provided to us by J.A.C. (Andre) Weideman.

The complete details of the conference remain available on the webpage: `http://events.math.unipd.it/dwcaa16/`, but here is a summary of the main statistics:

- 116 participants from 30 different countries and 5 continents.
- Countries most represented (by affiliation!): Italy (34), Germany (18), Poland (7), Switzerland (6), Belgium (5).
- 7 main Invited Lectures, 6 Sessions of Contributed Talks, 1 Poster Session.
- Total Session Contributions: 70 talks plus an open problem session
- Posters: 12

The Plenary Talks were given by

- C. Conti (Florence)
- A. Iske (Hamburg)
- E. Larsson (Uppsala)
- N. Levenberg (Bloomington)
- G. Plonka (Goettingen)
- J.A.C. Weideman (Stellenbosch)
- G. Wright (Boise)

and the Special Sessions were

- Approximation theory in imaging science, Organizers: W. Erb (Luebeck) and A. Weinmann (Muenchen)
- Meshless methods, Organizers: A. De Rossi (Turin) and E. Francomano (Palermo)
- Multiresolution techniques: recent insights and applications, Organizers: M.A. Cotronei (Reggio Calabria), L. Romani (Milan)
- Multivariate polynomial approximation and pluripotential theory, Organizers: L. Białas-Cież (Krakow) and M. Baran (Krakow)
- Numerical integration, integral equations and transforms, Organizers: G. Milovanovic (Beograd) and D. Occorsio (Potenza)
- Sparse approximation, Organizers: A. Cuyt (Antwerp) and W.-S. Lee (Antwerp)
- Poster Session, Organizers: R. Cavoretto (Turin) and M. Vianello (Padua)

We would like to thank the session organizers, the speakers and indeed all the participants for making the conference the success that it was. In any case we are of the opinion that Mathematics in a beautiful natural environment cannot be but inspiring!

- The Department of Mathematics "G. Peano" of the University of Torino
- The Municipality of Canazei
- The Tourist Office of Canazei
- SICIT ("cable-cars" Ltd)

The Organizing Committee:

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