

# Proceedings of the 8<sup>th</sup> Conference on Applied Mathematics and Scientific Computing, Šibenik, Croatia, June 10-14, 2013

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## Preface

The Department of Mathematics of the University of Zagreb is organising Conferences on Applied Mathematics and Scientific Computing, ApplMath, as a sequence of international conferences held every 2 years. They cover different aspects of applied mathematics and scientific computing and aim at gathering researchers from applied mathematics as well as scientists and engineers applying mathematics, in order to exchange ideas and reinforce partnerships. The 8<sup>th</sup> ApplMath conference was held in Šibenik, 10-14 June 2013. The Organising Committee as well as the Scientific Committee were composed of specialists in various topics covered by the conference.

Every conference has a group of invited lecturers selected by the Organising Committee among distinguished scientists. This year's conference hosted the following invited lecturers: Alain Bourgeat (Lyon, France), Marc Briane (Rennes, France), Juan Casado-Dias (Sevilla, Spain), John H. Miller (Dublin, Ireland), Grigory Panasenko (St-Etienne, France), Endre Süli (Oxford, GB). It is our pleasure to thank them all.

This 8<sup>th</sup> issue of our conference was dedicated to the honour of our late colleague, Professor Mladen Rogina (16 January 1957 - 24 January 2013), without whom the ApplMath conference sequence would not be possible. He was the chairman of the first and sixth ApplMath conference and the permanent member of the Organising Committee of all ApplMath conferences. He was also our professor, colleague and dear friend.

This special issue of Mathematical Communications gives an even larger impact to this conference and we thank the Managing Editor-in-Chief Prof. Dragan Jukić for making this possible.

Finally, we would like to thank all the authors for their valuable contributions.

On behalf of the Organising Committee,  
Eduard Marušić-Paloka and Igor Pažanin