

VII ITLA 2012

On December 17-21, 2012, ASAMACI (Asociación Argentina de Matemática Aplicada, Computacional e Industrial) co-hosted, together with AR-SIAM (Argentinean Section of SIAM - Society for Industrial and Applied Mathematics, USA), SIMAI (Società Italiana di Matematica Applicata e Industriale - Italy) and the Department of Mathematics of FCE-Universidad Austral Rosario, the Seventh Italian - Latin American Conference on Industrial and Applied Mathematics (VII ITLA 2012), which was held in the city of Rosario, Santa Fe, Argentina.

The VII ITLA 2012 Conference was sponsored by ANPCyT (National Agency for the Promotion of Science and Technology of Argentina), ICIAM (the International Council for Industrial and Applied Mathematics), the Secretary of Science and Technology (State of Santa Fe, Argentina) and the Italian Embassy in Buenos Aires. The financial support allowed partial sponsorship of 56 participants.

The ITLA series are periodic meetings which have been co-organized collaboratively by Latin American and Italian researchers since 1995, serving as a bridge for collaboration between European and Latin American researchers working in Applied Mathematics. Throughout its consecutive editions, ITLA has served as a strong platform for discussions and mutual collaboration in several new research areas in Industrial and Applied Mathematics. The previous editions of ITLA were held in Porto Alegre - Brazil (I ITLA, January 1995), Rome - Italy (II ITLA, January 1997), Río de Janeiro - Brazil (III ITLA - November 1999), Trujillo - Peru (III ITLA - December 2004), Florence - Italy (V ITLA - July 2007) and Quito - Ecuador (VI ITLA - September 2009). This is the first time that ITLA has been held in Argentina. This year's event was, once again, a big success. We were very excited to welcome a number of prominent mathematicians from different countries, including Argentina, Brazil, Chile, Colombia, Ecuador, Italy, Peru, Switzerland, the United Kingdom and the United States. In total, over a hundred researchers, academics, graduate students, senior undergraduate students, and post-doctoral fellows studying Applied Mathematics and other branches of Science attended the Conference, with eighty presentations: thirty-eight plenary lectures and forty-two contributed presentations, plus three short courses given by Mario Primicerio, Paolo Marcellini and Paolo Podio-Guidugli, all from Italy. The main areas addressed by ITLA include, although they are not limited to, Nonlinear Analysis and Applications, Numerical Analysis, Biomathematics, Ordinary Differential Equations and Applications, Partial Differential Equations and Applications, Continuum Mechanics and Applications, Optimization, Optimal Control and Applications, and Inverse Problems and Applications. The plenary lectures were given by Prof. Marco Calahorrano (Ecuador), Prof. Gabriel Cárcamo (Chile), Prof. José Carcione (Italy), Prof. Julio Ruiz Claeysen (Brazil), Prof. José A. Cuminato (Brazil), Prof. Guillermo Durán (Argentina), Prof. Javier Etcheverry (Argentina), Prof. Analía Gastón (Argentina), Prof. Pablo Jacovkis (Argentina), Prof. Rolf Jeltsch (Switzerland), Prof. Barbara Lee Keyfitz (USA), Prof. Pablo Lotito (Argentina), Prof. María Cristina Maciel (Argentina), Prof. Paolo Marcellini (Italy), Prof. Elvira Mascolo (Italy), Prof. José Luis Menaldi (USA), Prof. Fabio Milner (USA), Prof. Jaime Ortega (Chile), Prof. Paolo Podio-Guidugli (Italy), Prof. Giovanni Porru (Italy), Prof. Sergio Preidikman (Argentina), Prof. Mario Primicerio (Italy), Prof. Héctor Ramirez-Cabrera (Chile), Prof. Juan C. Reginato (Argentina), Prof. Fabio Rosso (Italy), Prof. Diana Rubio (Argentina), Prof. Obidio Rubio (Peru), Prof. Juan Santos (Argentina), Prof. Andrey Sarychev (Italy), Prof. Eduardo Serrano (Argentina), Prof. Geraldo Nunes Silva (Brazil), Prof. Rubén D. Spies (Argentina), Prof. Domingo A. Tarzia (Argentina), Prof. Cristina V. Turner (Argentina), Prof. Stella Vernier Piro (Italy), Prof. Vincenzo Vespri (Italy) and Prof. Adrian Will (Argentina).

The organizers are confident that, once again, ITLA has provided a rich ground for the discussion and enhancement of Applied Mathematics and for the promotion of Applied Mathematics in Science, Engineering, Computational Science, Industry and Technology, in the whole Latin American region.

Finally, we find it important to point out that during this Conference, the first steps were taken towards the creation of CLAMAI (the Latin America Committee for Industrial and Applied Mathematics) and the organization of the First Latin America Congress on Industrial and Applied Mathematics, in Asuncion, Paraguay in early November 2014.

Domingo A. Tarzia