

# Preface

This special issue of Pure Mathematics and Applications (Algebra and Theoretical Computer Science) is dedicated to the third edition of TAIR, a meeting on Tomography and Applications to Image Reconstruction, held at Politecnico di Milano, March 26-27, 2009. Since its first edition in 2007, the meeting touches on interdisciplinary aspects related to different areas of research where Tomography and Image Reconstruction are usually employed, with a special emphasis on possible connections among Geometric, Discrete and Computerized Tomography.

Several areas of Tomography were covered during TAIR 2009, also topics concerning Imaging and Image Segmentation have been dealt with.

We take pleasure in thanking all the participants to TAIR 2009, with a special mention to the ten invited speakers. They provided us with deep and very interesting lectures, thus contributing to the success of the meeting.

The editors have included the extended abstracts of the lectures, together with a selection of articles, guided by referees' reports, from papers submitted. We wish to thank all the reviewers for their much appreciated work for this special issue.

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