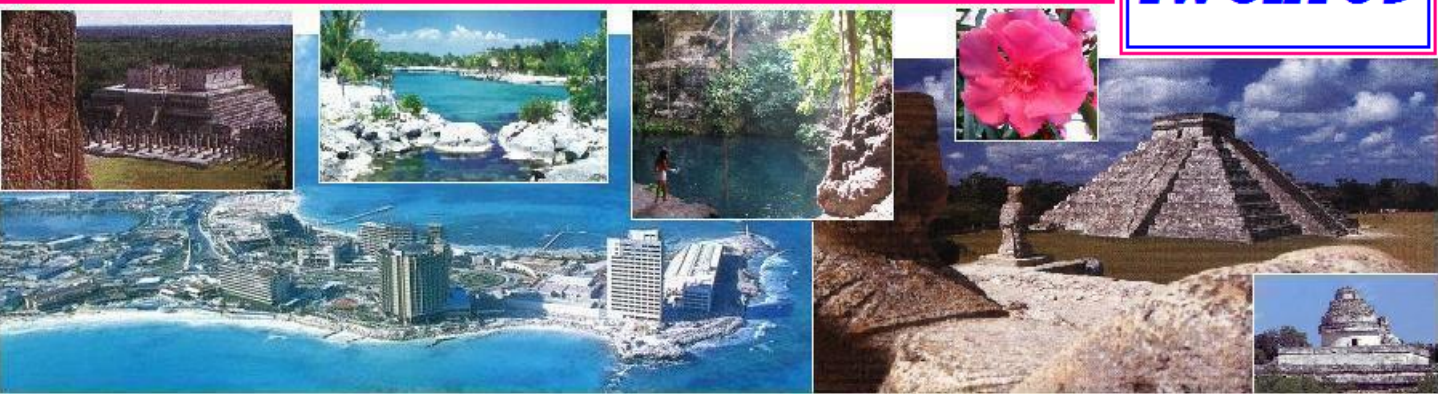




13th International Workshop on Combinatorial Image Analysis, 2009, Mexico

IWCIA'09



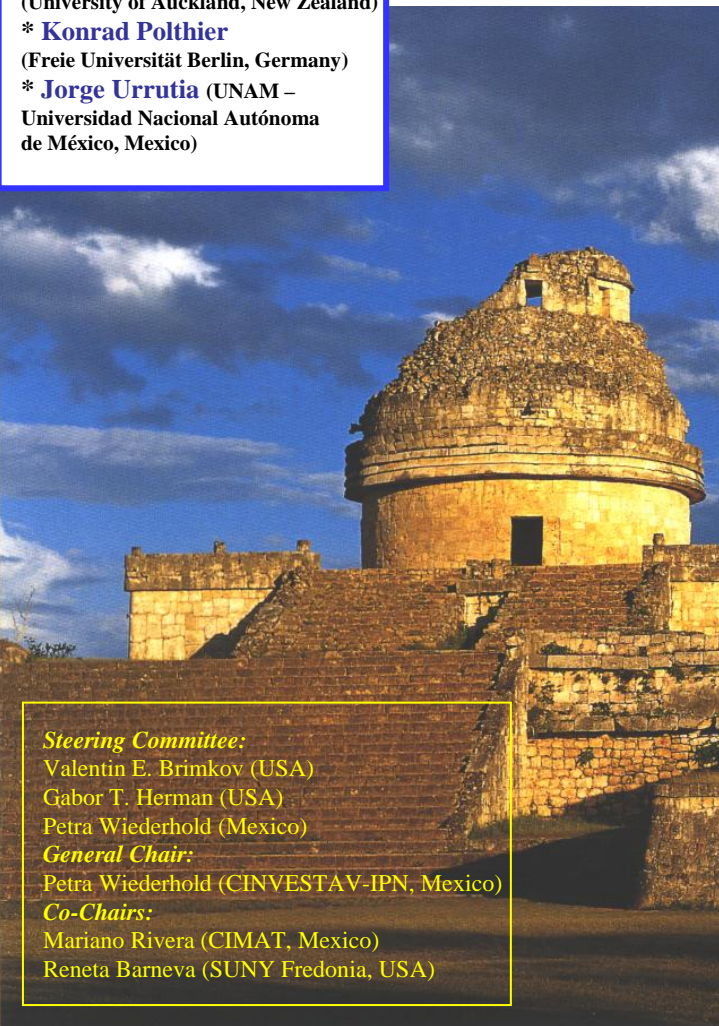
Invited Plenary Speakers:

- * **Bhargab Bhattacharya** (Indian Statistical Institute, India)
- * **Reinhard Klette** (University of Auckland, New Zealand)
- * **Konrad Polthier** (Freie Universität Berlin, Germany)
- * **Jorge Urrutia** (UNAM – Universidad Nacional Autónoma de México, Mexico)

**Playa del Carmen, Mexico,
November 24-27, 2009**
<http://ctrl.cinvestav.mx/~iwcia09/>

Publications:
Springer's LNCS (Germany)
Research Publishing Services (Singapore)
Journal Publications after Workshop

*Paper submission closed
(June 7, 2009)*



- Topics:**
- Combinatorial problems in the digital plane and space related to image analysis, lattice polygons and polytopes
 - Discrete/ combinatorial/ digital / algebraic geometry and topology and their use in image analysis, in particular: digital topology and geometry of curves and surfaces
 - Tilings and patterns; combinatorial pattern matching
 - Image representation, segmentation, grouping, and reconstruction
 - Algebraic approaches to image representation and to image analysis
 - Methods for image compression
 - Discrete tomography
 - Applications of integer programming, linear programming, and computational geometry to problems of image analysis
 - Parallel architectures and algorithms for image analysis
 - Fuzzy and stochastic image analysis
 - Grammars and models for image or scene analysis and recognition; cellular automata
 - Mathematical morphology and its applications to image analysis
 - Special track on Applications: mathematically well founded combinatorial methods and algorithms and its use for solving real applications
 - Computer systems for image analysis

Steering Committee:
Valentin E. Brimkov (USA)
Gabor T. Herman (USA)
Petra Wiederhold (Mexico)

General Chair:
Petra Wiederhold (CINVESTAV-IPN, Mexico)

Co-Chairs:
Mariano Rivera (CIMAT, Mexico)
Reneta Barneva (SUNY Fredonia, USA)

