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

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)