IAPR TC 18 "Discrete Geometry"





DGCI 2014, September 10-12, 2014

Facts

Team

- Isabelle Sivignon
 Researcher, GIPSA-lab, Grenoble, France
 Chair, in charge of the relationship with DGCI
- Partha Bhowmick
 Ass. Professor, Indian Institute of Technology, Kharagpur, India
 Vice-chair, in charge of code repository and databases management

Members

84 on the mailing list (+7 compared to 2013)



What happened since DGCI 2013?

Research initiatives

- Special Issues after DGCI 2013
 - Discrete Applied Mathematics: 24 submitted papers, 8 accepted, 9 rejected, 5 out of scope, 2 still under review.
 - Computer Vision and Image Understanding: 14 submitted papers, 6 accepted, 7 rejected, 1 out of scope.
- Special Issues after DGCI 2011
 - Discrete Applied Mathematics, Volume 161, Issue 15, October 2013, 9 papers.
 - (Computer Vision and Image Understanding, Vol 117, Issue 4, April 2013, 12 papers)
 - Image Processing Online: 6 demos are now online between 50 and 100 archived tests in 6 months for each demo.
- ► Special Issue after IWCIA 2013
 - ► International Journal of Computer Mathematics, Volume 90, Issue 8, 2013, 6 papers.



TC18 initiatives

New services

- ► relooked website ► webpage
- list of major journal papers published in 2013: sent in the newsletter
- alert on PhD defenses
- ▶ image gallery ► gallery

We need your contributions

- PhD defenses alerts
- images for the gallery

Feel free to give your feedback on our actions!



Report from ICPR 2014 - TC chair meeting

General comments for all TCs

- mention key challenges
- mention major projects or initiatives
- provide datasets and evaluation methodology
- IAPR budget to support collaborations with other TCs

Technical Committees

EXCO INITIATIVE ON TECHNICAL COMMITTEE ACTIVITIES: SUMMER SCHOOLS

- 01 Statistical Pattern Recognition Techniques
- 02 Structural & Syntactical Pattern Recognition
- 03 Neural Networks & Computational Intelligence
- 04 Biometrics
- 06 Computational Forensics
- 07 Remote Sensing and Mapping
- 08 Machine Vision Applications
- 10 Graphics Recognition
- 11 Reading Systems
- 12 Multimedia and Visual Information Systems
- 14 Signal Analysis for Machine Intelligence
- 15 Graph Based Representations
- 16 Algebraic and Discrete Mathematical Techniques in Pattern Recognition & Image Analysis
- 18 Discrete Geometry
- 19 Computer Vision for Cultural Heritage Applications
- 20 Pattern Recognition for Bioinformatics



Administrative

Chairs for next term (Aug. 2014 - Aug. 2016)

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Website

Renew the list of open problems



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Links with other TCs

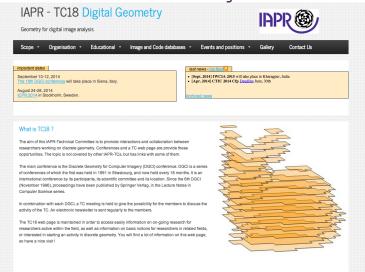
DGCI invited speakers, collaborations between teams, summer school.

IAPR sponsorship possible.



Relooked Website

www.tc18.org



Gallery

