IAPR Technical Committee 18

"Discrete Geometry and Mathematical Morphology"

Bertrand Kerautret & Mickaël Wilkinson

DGCI 2019 - ESIEE Paris, 25-29 mars 2019

IAPR TC18 http://www.tc18.org
tc18@tc18.org

1. Presentation

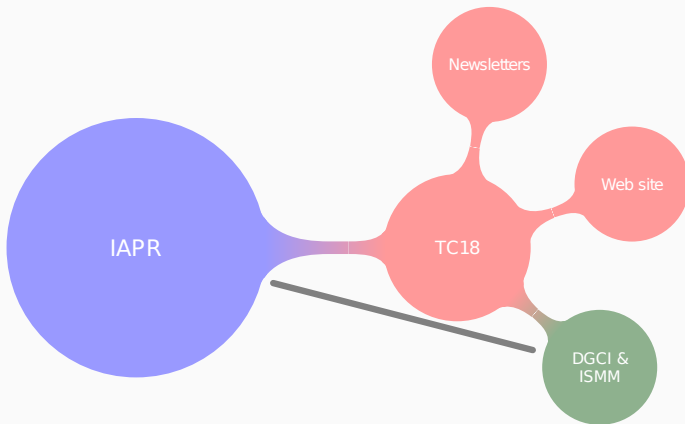## International Association on Pattern Recognition IAPR

Purpose

- Promote pattern recognition and the allied branches of engineering activities.
- Advance international co-operation.
- ...

Activities

- Sponsored and endorsed Events ;).
- ICPR 2020.
- Newsletters.
- Technical Committees.

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Facts

- Officially created during ICPR 2001.
- Include Mathematical Morphology from 2016.
- 141 members.
- Main conferences: DGCI and ISMM (a member of the TC18 chairs is in the DGCI Steering Committee).

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Chairs (validated from last ExCo meeting of ICPR 18)

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- Michael Wilkinson (co-chair, The Netherlands): relationships with ISMM.
- Phuc Ngo (Secretary, France, LORIA).

TC 18 board members:

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Associated board members with roles in: (new since 2018)

- Reproducible Research : Miguel Colom, Paris, France.
- Interface between MM & DG: Nicolas Passat, France.

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Recent activities

- Final Report on IAPR-TC18 (period October 2016 - June 2018[1]).
- ExCo evaluation was very positive with mentions of:
    - Recent inclusion of MM.
    - Site update with new GitHub framework.
    - Dynamic Satellite Workshop (DGMM4CV, RRPR16) and tutorials (ACCV16, ICPR16).
    - Online demonstrations/Code diffusion.
  - → Suggest to organize a common Summer School (contact us if you are interested).

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Continuous diffusion and updates

- Orientation from frequent announce update:
  - Two mailing lists (always same system based on *Sympa*):
    members@tc18.org and tc18@tc18@org (board members)
- Site edition on GitHub and TC18 GitHub Team
  https://github.com/TC-18/tc18.org
  https://github.com/TC-18/

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Recent events from June 2018: RRPR Workshop ICPR 2018 (Beijing)

- ICPR Satellite Workshop on Reproducible Research in Pattern Recognition.
- Second Edition with a focus on DG&MM.
- 15 papers published in LNCS volume (in press).
- New formula with short papers submission and companion ICPR papers.

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  - Preprint format for June.
  - First editor/review 2 weeks max.
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- **Data sets and benchmark frameworks.**

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Update on open problems

https://tc18.org/openProblems.html

Thanks for your attention!