



International Association for
Pattern Recognition



International Association for
Pattern Recognition

Technical Committee 10
Graphics Recognition



Report on Recent Activities

Jean-Marc Ogier, TC10 Chair

Rafael Lins, TC10 Vice Chair

Nov14, 2012



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TC 10 Leadership team 2010-2012

- JM Ogier Chair, Univ la Rochelle (France)
- Rafael Lins, Vice Chair Univ Pernambuco (Brasil)
- Bart Lamiroy, dataset curator (Univ Lorraine France)
- Jean-Christophe Burie, website editor (Univ la Rochelle, France)
- Alicia Fornes, News Letter editor (CVC, Univ Barcelona, Spain)

- Website : <http://iapr-tc10.univ-lr.fr/>

- New volunteers are welcome !



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TC 10 Website

- **Creation of a New Website** in 2012, after a first renewing in 2009
- **General Idea :**
 - Respect the “interactive spirit” of GREC Community => collaborative interface, community manager
 - Distributed Easy publication / document deposit for any member : course, presentation, video, ... (Joomla! Technology)
 - Automatic sending and indexing of Newsletter, ...
 - Hosted by the University of La Rochelle with adequate infrastructures : back-up, storage, ...
- GREC’s contents totally on-line since September 2009
 - <http://iapr-tc10.univ-lr.fr>



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Call for paper



IBPRIA 2013

Deadline :
November 19,
2012.....



CIAPR 2013

Deadline :
November 20-23,
2012.....



GREC 2013

Deadline :
April 1st, 2013.....



ICDAR 2013

Deadline :
February 1st,
2013.....

Next events



DAR 2012

Bombay, India
December 16, 2012.....



ICPR 2012

Tsukuba, Japan
November 11-15, 2012.....

2012 activity report

The activity [report for the period : June 2011 - June 2012](#) is now online !

TC-10 / TC-11 Joint Meeting at ICPR 2012

We would like to welcome you to the TC10/11 joint meeting at ICPR2012 in Tsukuba.

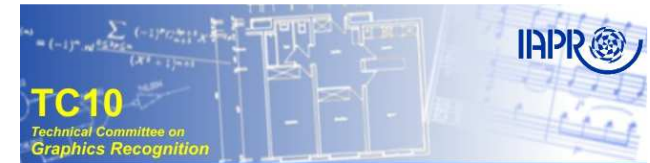
Dataset

The TC10 Committee is committed to offering resources to the research community that foster quality experimental research. Typical resources are datasets with annotations (ground-truth), source code, etc. These resources are fundamental for valid peer review and experimental validation through full reproduction of the experimental

Doctoral Consortium - ICDAR 2011



[A short navigation](#)



TC-10 (almost) Monthly Newsletter



Alert Message

November 2012

TC-10 / TC-11 Joint Meeting at ICPR 2012

We would like to welcome you to the TC10/11 joint meeting at ICPR2012 in Tsukuba. Anyone who is interested in graphics recognition (TC10) and reading systems (TC11) is invited to attend the meeting.

Date: November 14, 2012
Time: 13:45-14:30
Room: Meeting room 402
Topics: Past Activities (web, datasets, newsletter, etc.), Future Plans and Requests.

Hoping that you will be numerous !

Best regards,

TC10 team

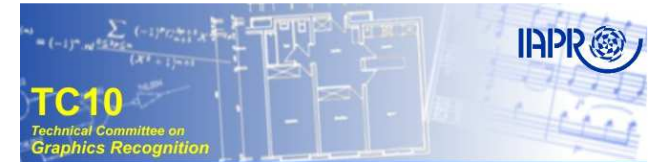


This message is sent to subscribers of the IAPR TC10 mailing list.

To manage your subscription, please login and edit your profile at: <http://iapr-tc10.univ-lr.fr>

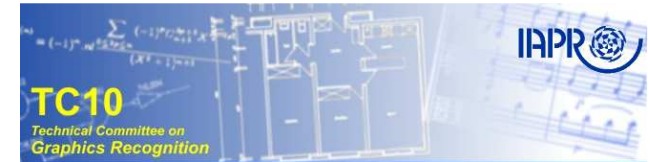
Don't want to receive these emails anymore? You can [Unsubscribe](#)

- A range of news items and announcements of interest to the GREC community.
- 300 subscribers as of November 10th.
- To subscribe, visit TC-10 website.
- Community contributions easy and encouraged!



Concerning Dataset Archives

- **Fruitful collaboration with TC 11**
- **Some data remains on our website, but should move and be shared with TC11 (?)**
- **Less data, since the variability of problems is lower than “Reading systems”**
 - GREC 2011 Symbol Recognition Dataset
 - [Mathematical Formulae Dataset](#) (University of Birmingham)
 - [Chemical Molecules](#) (OSRA)
 - [GREC 2003 Symbol Recognition Dataset](#)
 - Other, related, [datasets](#) are maintained by the TC11 Committee
- <http://www.iapr-tc11.org/mediawiki/index.php/Datasets>



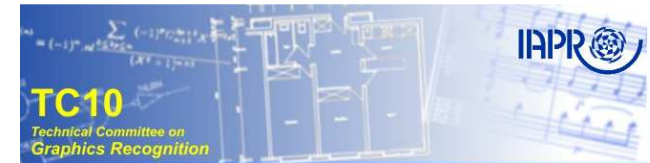
TC 10 Conferences and major Activities

In the past

- ICDAR 2011, Beijing – S 422 – A 287 – Part 387
- GREC 2011, Seoul Korea – S 45 – A 39 – P 45
- ICDAR Advisory Board
- Co-chair of Doctorial Consortium with TC 11 (nice experience !)
- IAPR/ICDAR Award Committee (chair)
- Promotion of IAPR/IAPR TC10 activities



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GREC 2011 – 9th Graphics Recognition Workshop

- Sept 15-16, 2011, Chung-Ang University, Seoul, Korea,
- General Chair: Young Bin Kwon, Korea
- Format: single-track 2-day workshop
- Purpose: active participation and intensive Discussions
- 1 panel discussion with a global feedback and Phd Feedbacks
- LNCS: selected papers revised for formal review



GREC 2011
Ninth IAPR International Workshop on Graphics Recognition





GREC 2011
Ninth IAPR International Workshop on Graphics Recognition



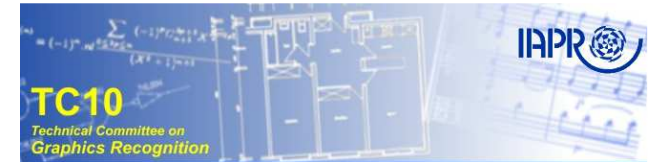
GREC 2011. September 15-16. Seoul, Korea

GREC 2011 – 9th Graphics Recognition Workshop

- Online pre-proceedings
 - <http://grec2011.cau.ac.kr/>
- interactive workshop-style discussion
 - Introduction session: 5-min 5-slides + self-introduction
 - Chairs and keynotes speakers present surveys & foster active discussions
 - Short presentations
 - Participants encouraged to read papers before workshop and prepare comments



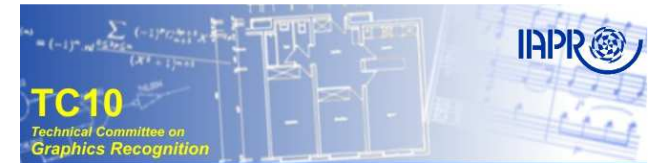
GREC 2011
Ninth IAPR International Workshop on Graphics Recognition



GREC 2011, September 15-16, Seoul, Korea

GREC 2011 – 8th Graphics Recognition Workshop Contests

- Arc Segmentation Contest
- Symbol Recognition Contest
- Musical scores analysis contests (connected to ICDAR)
- Reports in LNCS book (2012)
- Ground truths TC 11 / TC10 website

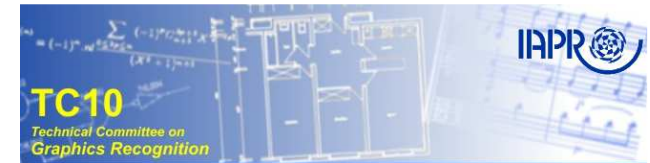


TC-10/TC-11 Doctoral Consortium (already presented by Dan)

- Our first-ever Doctoral Consortium was held in conjunction with ICDAR 2011 in Beijing.
- Goal: to create an opportunity for Ph.D. students to test their research ideas, present their current progress and future plans, and receive constructive criticism and insights related to their future work and career perspectives.
- Half-day program with introductory remarks to explain to students the roles of TC-10 and TC-11.
- “Pep talk” on *Advice for a Successful Ph.D. Experience*.
- Student poster session and best poster awards.
- 21 Ph.D. students and 19 mentors participated (no charge).



Upcoming Events




The Twelfth International Conference on Document Analysis and Recognition

CONFERENCE | **PAPERS** | **PROGRAM DETAILS** | **ATTENDEES**
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ICDAR 2013 is an IAPR sponsored conference.

ICDAR 2013 organizers are bound by the IAPR Statement of Ethics. By submitting a paper to this conference, all authors implicitly agree to be bound by the IAPR Ethical Requirements for Authors.

Announcements

Conference Outline
The conference will be held at the Washington DC Omni Shoreham hotel with the main conference sessions being held August 25-28, 2013, workshops on the 23rd and 24th and half-day tutorials on the 24th and 25th. A doctoral consortium will be held on the afternoon of the 25th.

*** New ***
The schedule for paper submissions and reviews is now available on the [Timeline](#) page.
Calls for workshops, tutorials, and competitions are now available. Sponsorship information is also now available. See links below.

Important Dates

Paper Submission:	Feb 1, 2013
Acceptance Notification:	May 1, 2013
Camera Ready Papers Due:	Jun 1, 2013
Advanced Registration:	Jun 1, 2013
Workshop Proposals Due:	Nov 1, 2012
Tutorial Proposals Due:	Nov 1, 2012
Competition Proposals Due:	Nov 1, 2012
Decision Notification:	Dec 1, 2012

Call for Workshops
Call for Tutorials
Call for Competitions
Call for Sponsorship

Workshops
Traditionally the scientific program of ICDAR is complemented by satellite workshops focusing on particular subfields such as: Graphics Recognition

10th IAPR
International Workshop on
Graphics Recognition

General Chair:
Bart Lamiroy,
Nancy,
France

Program Chair:
Jean-Marc Ogier,
La Rochelle,
France

GREC 2013
August 20-21 2013
Lehigh University, Bethlehem, PA
<http://grec2013.loria.fr>

Local Arrangements Chair:
Daniel Lopresti,
Bethlehem, PA,
USA

IAPR Preliminary Call for Papers

The Tenth IAPR International Workshop on Graphics Recognition, organized by IAPR TC-10, will be held at Lehigh University (Bethlehem, PA, USA) on August 20-21, 2013, just before the 12th International Conference on Document Analysis and Recognition (ICDAR).

Topics of interest include, but are not limited to:

- Raster-to-vector techniques.
- Recognition of graphical primitives.
- Recognition of graphic symbols in charts, diagrams, and drawings.
- Interpretation of engineering drawings, maps, tables, and other graphical documents.
- Graphics-based information retrieval.
- Historical graphic indexing.
- Digital ink processing.
- Identification and localization of graphical annotations in written documents.
- Sketch recognition and understanding.
- Description of complete systems for interpretation of graphic documents.
- Performance evaluation in graphics recognition.
- Authoring, editing, storing and presentation systems for graphics.

Workshop Format

The workshop will follow a single-track, 2-day program. It will comprise several sessions dedicated to specific topics related to graphics in document analysis and graphic recognition. For each session, an invited presentation will be describing the state of the art and stating the open questions for topic discussed in the session. It will be followed by short presentations contributing and proposing solutions or presenting recent results. Each session concludes with an open panel discussion including all authors in the session.

Transportation to ICDAR 2013 will be provided.

Paper Submission and Post-Proceedings Publishing

Extended abstracts of maximum two pages have to be sent through the workshop web site, and the authors of accepted abstracts will be invited to submit a full paper. No immediate conference proceedings will be published, but all contributed papers will be available and distributed to attendees as a workshop booklet.

After the workshop, attendees are invited to submit an extended revised version of their paper. These will undergo a new revision process and the best papers will be published in a Springer LNCS volume.

Important Dates

[Paper submission](#)
March 2013

[Acceptance notification](#)
May 2013

[Camera ready](#)
June 2013

LEHIGH UNIVERSITY | IAPR | Springer

- ICDAR 2013 in Washington, DC on Aug. 23-28; includes workshops, tutorials, doctoral consortium.
- GREC 2013, In Lehigh
- ICDAR 2015 in Tunis, Tunisia.