Newsletter 87, April 2010

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- IAPR TC10 new website is online at www.iapr-tc10.org
- QuickDiagram is published as an open source project
- Progress of the GREC2009 Post Workshop Proceedings
- CFP: DocEng2010 - 10th ACM Symposium on Document Engineering
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Dear TC10 members and friends,

Welcome to issue #87 of TC10 News.

I am very happy to announce that the new website of IAPR TC10 has been officially launched thanks to the help and collaboration of two teams of Dr. Jean-Marc OGIER and Dr. Josep Llados. Please the news details and your comments and contribution of useful information on the new website will be greatly appreciated.

Next, please also find other information which might be interesting to you.

-Liu Wenyin

Chair of IAPR TC10

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IAPR TC10 new website is online at www.iapr-tc10.org

With the great help and collaboration of teams of Dr. Jean-Marc OGIER and Dr. Josep Llados, the new website of IAPR TC10 is officially launched and the domain name of www.iapr-tc10.org is migrated to the server hosted at the Université de La Rochelle and managed by Jean-Marc's team. All people interested in TC10 information can visit and register at www.iapr-tc10.org. All visiters can browse the information on this website. Registered members can also submit information to website by clicking News|**Submit a news**. Such information, including news, activities, conferences, and resources, can be published after verified and categorized by the webmaster. We wish TC10 members can actively contribute useful information to our website.

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QuickDiagram is published as an open source project

We are happy to annouce that the QuickDiagram system is now publicly accessible as an open source project hosted at http://code.google.com/p/quickdiagram/. We hope all researchers and developers interested in this project can help improve it in any aspect, including the stroke pre-processing algorithms, graphic recognition algorithms, diagram understanding algorithms for more domains, and the general UI. Suggestions for new functions, or even bug reports or bug fixing suggestions will also be appreciated.

QuickDiagram was initially develoeped in 2003-2004 by a team lead by Dr. LIU Wenyin at the City University of Hong Kong for quick input and understanding of circuit diagrams by sketching. With a user sketching a (complete or partial) component/symbol or wire (connecting two symbols) of the diagram, the system can recognize and beautify it immediately. After the entire diagram is complete, certain understandings can be obtained. The system has a symbol database with more than 600 circuit devices/symbols. Three steps of stroke processing, filtration, and on-line recognition are used to recognize a circuit symbol even before it is completely sketched. The following two methods are used to interpret the recognized diagram: 1) circuit simulation on resistive circuits based on the Nodal Analysis, and 2) generation of PSpice codes from the recognized diagrams. Experiments on a few sketched circuit diagrams show that the results are robust and accurate for both recognition and understanding. This system is still in its preliminary stage and we call for open source contributors to collaboratively and gradually make the system mature for practical usage. Anyone who is interested in downloading and contributing the project is welcome to contact with the project leader Dr. LIU Wenyin at csliuwy@cityu.edu.hk . Thanks for your potential interest and contribution.

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Progress of the GREC2009 Post Workshop Proceedings

The LNCS volume of the GREC2009 Post Workshop Proceedings is now at the publisher for preparation of production. In a few weeks (between 2 and 4 according to Springer), Springer will send the final pdf files to the authors of the papers involved asking for proof-reading. Related authors should ensure that their emails be checked frequently such that prompt actions are taken. The email will come from an email address in India and will have an attachment (the pdf file). Hence, the authors should make sure that emails with attachments are not automatically filtered out. The purpose of this extra control loop is to ensure that no errors have crept in during the publication process. At this stage,

Springer will not accept any updates (minor or major) to the papers as this would slow down the publication procedure considerably. Thanks for understanding and cooperation.

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DocEng2010 - 10th ACM Symposium on Document Engineering
http://www.primaresearch.org/doceng2010
Manchester, UK, September 21-24, 2010

IMPORTANT DATES
Full papers & working sessions
     Abstracts due   April 2, 2010
     Papers due   April 16, 2010
     Acceptance notice by   May 14, 2010
Short papers, posters & demos
     Abstracts due   May 21, 2010
     Papers due   May 28, 2010
     Acceptance notice by   June 18, 2010
All papers
     Revised versions due   July 2, 2010

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