

## Welcome

We are pleased to welcome you to the inaugural Doctoral Consortium for our community held in conjunction with ICDAR 2011. Special thanks are due to our volunteer mentors as well as to the ICDAR organizers. We are also grateful to Raytheon BBN Technologies for their generous financial support which has allowed the students and mentors to attend the Doctoral Consortium with no registration fee.

## Schedule

- 1:40 pm Welcome
- 1:45 pm “Advice for a Successful Ph.D. Experience”
- 2:10 pm Brief oral introductions to student research plans
- 3:10 pm Coffee break
- 3:25 pm Student poster session with discussion and feedback
- 5:25 pm Concluding remarks and Best Poster Presentation Award presentation

Sponsored by **Raytheon**  
**BBN Technologies**

## Organizing Committee

TC-11 Chair: Daniel Lopresti, USA  
TC-10 Chair: Jean-Marc Ogier, France  
Jean-Christophe Burie, France  
Masakazu Iwamura, Japan  
Gernot A. Fink, Germany  
Dimosthenis Karatzas, Spain  
Koichi Kise, Japan  
Bart Lamiroy, France  
Rafael Lins, Brazil  
Josep Lladós, Spain

## Mentors

Henry Baird, USA  
Elisa Barney Smith, USA  
Abdel Belaid, France  
Jean-Christophe Burie, France  
Gernot A. Fink, Germany  
Masakazu Iwamura, Japan  
Dimosthenis Karatzas, Spain  
Koichi Kise, Japan  
Bart Lamiroy, France  
Rafael Lins, Brazil  
Cheng-Lin Liu, China  
Marcus Liwicki, Germany  
Josep LLadós, France  
Daniel Lopresti, USA  
Jean-Marc Ogier, France  
Faisal Shafait, Germany  
Palaiahnakote Shivakumara, Singapore  
Liu Wenyin, Hong Kong  
Richard Zanibbi, USA

# ICDAR 2011 Doctoral Consortium

September 18, 2011  
Beijing, China



## Participants 1

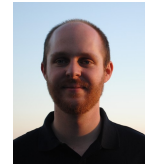
Olivier Augereau (Université Bordeaux) *Document Image Classification*



Su Bolan (National University of Singapore) *Document Image Enhancement*



Klaus Broelemann (University of Muenster) *Automatic Understanding of Sketch Maps*



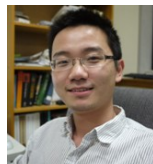
Syed Saqib Bukhari (Technical University of Kaiserslautern) *Generic Layout Analysis of Diverse Collection of Documents*



Bin Chen (Tokyo University of Agriculture and Technology) *Effects of Artificial Sample Generation Models for On-line Handwritten Japanese Character Recognition*



Jin Chen (Lehigh University) *Exploiting Metadata in Off-line Handwritten Documents: Modeling and Applications*

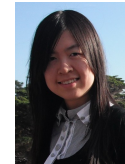


Lluís-Pere de las Heras (Universitat Autònoma de Barcelona) *Syntactic Model for Semantic Document Analysis*

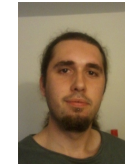


## Participants 2

Jing Fang (Peking University) *Table Recognition and Evaluation in PDF Documents*



David Hebert (Universite de Rouen) *Investigations on the Use of Linear-Chain CRF Based Method to Segment Old Newspapers*



Lei Hu (Rochester Institute of Technology) *Recognition and Retrieval of Handwritten Mathematical Expressions*



Le Kang (University of Maryland College Park) *Touching Text Segmentation and Shape Analysis*



Muna Khayyat (Concordia University) *Learning-Based Word Spotting for Arabic Handwritten Documents Using Hierarchical Classifier*



Iuliu Konya (Fraunhofer IAIS, University of Bonn) *Adaptive Methods for Robust Document Image Understanding*



Jayant Kumar (University of Maryland College Park) *Segmentation and Labeling of Mixed-type Noisy Handwritten Documents*



## Participants 3

Xiaoyan Lin (Peking University) *Mathematical Formula Recognition and Retrieval in PDF Documents*



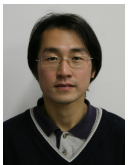
Muhammad Muzzamil Luqman (Université François Rabelais de Tours) *Efficient Indexing and Retrieval of Graphs Using Techniques for Embedding Graphs in Real-Valued Feature Spaces*



Nibal Nayef (Technical University of Kaiserslautern) *Geometric-based Symbol Spotting, with Application to Symbol Retrieval in Document Image Databases*



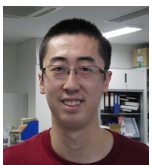
Weihan Sun (Osaka Prefecture University) *Copyright Protection of Manga Using Content-based Image Retrieval Methods*



Rabeux Vincent (Université Bordeaux) *Document Image Quality Evaluation*



Song Wang (Kyushu University) *Part-Based Method of Character Recognition*



Liang Xu (Institute of Automation, Chinese Academy of Sciences) *Segmentation and Recognition of Touching Characters in Offline Unconstrained Chinese Handwriting*

