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Document Recognition and Retrieval XXIII

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Document Recognition and Retrieval (DRR) XXIII

Wednesday, February 17, 2016

Recognition and Classification

11:00 am – 12:30 pm

Continental Ballroom 2

11:00 DRR-052

Training a calligraphy style classifier on a non-representative training set, George Nagy¹ and Xiafen Zhang²; ¹Rensselaer Polytechnic Institute (USA) and ²Shanghai Maritime University (China)

11:30 DRR-053

Human-directed optical music recognition, Liang Chen and Christopher Raphael, Indiana University Bloomington (USA)

12:00 DRR-054

Arrowhead detection in biomedical images, K.C. Santosh¹, Naved Alam², Pratim Partha Roy², Sameer Antani¹, George Thoma¹, and Laurent Wendling³; ¹US National Library of Medicine (USA), ²IIT Roorkee (India), and ³Paris V University (France)

12:30 – 2:00 pm Lunch Break

El 2016 Wednesday Plenary and Symposium Awards

Session Chair: Choon-Woo Kim (Inha University)

2:00 – 3:00 PM

Continental Ballroom 5

Intel® RealSense Technology: Adding human-like sensing and interactions to computing devices, Achin Bhowmik, Intel Corporation (USA)

3:00 – 3:30 pm Coffee Break

Writer and Language Identification – Handwriting

3:30 – 5:30 pm

Continental Ballroom 2

3:30 DRR-055

Simple and fast geometrical descriptors for writer identification, Angelika Garz¹, Marcel Würsch¹, Andreas Fischer^{1,2}, and Rolf Ingold¹; ¹University of Fribourg and ²University of Applied Sciences and Arts Western Switzerland (Switzerland)

4:00 DRR-056

Cuckoos among your data: A quality control method to retrieve mislabeled writer identities from handwriting datasets, Vlad Atanasiu, University of Fribourg (Switzerland)

4:30 DRR-057

Intelligent pen: A least cost search approach to stroke extraction in historical documents, Kevin Bauer and William Barrett, Brigham Young University (USA)

5:00 DRR-058

Language identification in document images (JIST-first), Philippine Barlas, David Hébert, Clément Chatelain, Sébastien Adam, and Thierry Paquet, LITIS (France)

El 2016 Symposium Interactive Papers Session

5:30 – 7:00 PM

Continental Ballroom 6

Thursday, February 18, 2016

DRR Keynote

Session Chairs: Sameer Antani, National Library of Medicine (USA) and Bart Lamiroy, Université de Lorraine (France)

8:40 – 10:20 am

Continental Ballroom 2

DRR Opening Remarks

DRR-059

OCR at Google: Books and Beyond, Yasuhisa Fujii, Dmitriy Genzel, Otavio Good, Patrick Hurst, Yuanpeng Li, Ashok Papat, and Ray Smith, Google Inc. (USA)

10:20 – 11:00 am Coffee Break

OCR and Text Recognition

11:00 am – 12:30 pm

Continental Ballroom 2

11:00 DRR-060

Improving a deep convolutional neural network architecture for character recognition, Bogdan-Ionut Cirstea and Laurence Likforman, Telecom ParisTech / Institut Mines-Telecom (France)

11:30 DRR-061

Integrating text recognition for overlapping text detection in maps, Narges Honarvar Nazari, Tianxiang Tan, and Yao-Yi Chiang, University of Southern California (USA)

12:00 DRR-062

Automatic transcription of historical newsprint by leveraging the Kaldi speech recognition toolkit, Patrick Schone, Alan Cannaday, Seth Stewart, Rachael Day, and Jeremy Schone, Family Search (USA)

12:30 – 2:00 pm Lunch Break

DRR Panel Discussion

Panel Moderators: Sameer Antani, National Library of Medicine (USA) and Bart Lamiroy, Université de Lorraine (France)

2:00 – 3:00 pm

Continental Ballroom 2

3:00 – 3:30 pm Coffee Break

Text Analysis

3:30 – 5:00 pm

Continental Ballroom 2

3:30 DRR-063
Recognizing predatory chat documents using semi-supervised anomaly detection, Mohammadreza Ebrahimi, Ching Suen, Olga Ormandjieva, and Adam Krzyzak, Concordia University (Canada)

4:00 DRR-064
Information extraction from resume documents in PDF format, Jiaze Chen, Liangcai Gao, and Zhi Tang, Peking University (China)

4:30 DRR-065
Revisiting known-item retrieval in degraded document collections, Jason Soo and Ophir Frieder, Georgetown University (USA)