

Special Session on INsights DiscovEry from LifElog Data - INDEED 2018

Date : Jan 16, 2018 - 09:00 AM

Event URL : <http://www.sfbayeventslist.com/events/special-session-on-insights-discovery-from-lifelog-data-indeed-2018-jan-2018>

Organizer : NYMT

Venue :

Location : Vila Galã© Santa Cruz Rua Sã£o Fernando, 5 9100-173 Santa Cruz Portugal, Santa Cruz, Portugal, US, ZIP: 59100-173

Special Session on INsights DiscovEry from LifElog Data - INDEED2018

16 - 18 January, 2018 - Funchal, Madeira, Portugal

**Within the 7th International Conference on Pattern Recognition
Applications and Methods - ICPRAM 2018**

SCOPE

In the recent years, lifelogging is rapidly becoming a mainstream research topic. With the rich data captured over a long period of time, these heterogeneous digital lifelogs will require both advanced methods that can provide an insight of the activities of an individual, and systems capable of managing this huge amount of data. A lot of challenges await the scientific community from both the ethical and technological viewpoints. The aim of this special session is to draw together researchers involved in the development of methods for this new and challenging area. The sought contributions can be either methodological on learning and data analysis (e.g., www.sfbayeventslist.com

active and adaptive learning, hypothesis generation, etc.) or focused on solving real world challenges.

TOPICS:

Multimedia data analytics Search and retrieval

User experience

Real-world applications

Captology from personal data

Egocentric vision and first-person camera vision

IMPORTANT DATES

Paper Submission: November 15, 2017

Authors Notification: November 21, 2017

Camera Ready and Registration: November 29, 2017

SPECIAL SESSION PROGRAM COMMITTEE

Giulia Boato, University of Trento, Italy

Giorgio Giacinto, University of Cagliari, Italy

Cathal Gurrin, Dublin City University, Ireland

Frank Hopfgartner, University of Glasgow, United Kingdom

Mathias Lux, University of Klagenfurt, Austria

Michael Riegler, Simula Research Laboratory, Norway

CO-CHAIRS

Luca Piras

University of Cagliari

Italy

Brief Bio

Luca Piras obtained the Ph.D. degree and the certificate of European Doctorate in Electronic and Computer Engineering from the University of Cagliari, Italy, in 2011 and he is research associate at the Department of Electrical and Electronic Engineering of the University of Cagliari since March 2012. His main area of expertise is on analysis and automatic classification of multimedia

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documents, content-based image retrieval and relevance feedback techniques. He joined the research group on Pattern Recognition and Applications since 2007 and is a member of the IEEE, ACM, and IAPR. Since October 2012, Luca Piras teaches courses on Computer Science in the MSc and BSc courses on Healthcare Assistance at the University of Cagliari. He is a member of the program committee in a number of conferences in the field of pattern recognition and its applications, and regularly acts as a reviewer.

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Duc-Tien Dang-Nguyen

Dublin City University

Ireland

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Michael Alexander Riegler

University of Oslo

Norway

Brief Bio

Michael Alexander Riegler is a PhD student at Simula Research Laboratory. He received his master degree from the Klagenfurt University with distinction. His master thesis was about large scale content based image retrieval. He wrote it at the Technical University of Delft under the supervision of Martha Larson. He is a part of the EONS project at the Media Performance Group. His research interests are endoscopic video analysis and understanding, image processing, image retrieval, parallel processing, gamification and serious games, crowdsourcing, social computing and user intentions. Furthermore he is involved in several initiatives like the MediaEval Benchmarking initiative for Multimedia Evaluation.

SCOPE

The International Conference on Pattern Recognition Applications and Methods would like to become a major point of contact between researchers, engineers and practitioners on the areas of Pattern Recognition, both from theoretical and application perspectives.

Contributions describing applications of Pattern Recognition techniques to real-world problems, interdisciplinary research, experimental and/or theoretical studies yielding new insights that advance Pattern Recognition methods are especially encouraged.

Papers describing original work are invited in any of the areas listed below. Accepted papers, presented at the conference by one of the authors, will be published in the proceedings of ICPRAM with an ISBN. Acceptance will be based on quality, relevance and originality. There will be both oral and poster sessions.

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Special sessions, dedicated to case-studies and commercial presentations, as well as technical tutorials, dedicated to technical/scientific topics, are also envisaged: companies interested in presenting their products/methodologies or researchers interested in presenting a demo or lecturing a tutorial are invited to contact the conference secretariat.

CONFERENCE AREAS

Each of the topic areas is expanded below but the sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:

1. THEORY AND METHODS

2. APPLICATIONS

AREA 1: THEORY AND METHODS

- Advanced Learning Methods
- Evolutionary Computation
- Exact and Approximate Inference
- Feature Selection and Extraction
- Fuzzy Logic
- Graphical and Graph-based Models
- Hybrid Learning Algorithms
- ICA, PCA, CCA and other Linear Models
- Kernel Methods
- Knowledge Acquisition and Representation
- Learning from Multiple Sources/Methods
- Bayesian Models
- Matrix Factorization
- Missing Data
- Model Selection
- Neural Networks and Deep Learning
- Regression
- Similarity and Distance Learning
- Sparsity
- Stochastic Methods

- Case-Based Reasoning
- Classification
- Clustering
- Computational Learning Theory and Optimization
- Deep Learning
- Embedding and Manifold Learning
- Ensemble Methods

AREA 2: APPLICATIONS

- Action Recognition
- Information Retrieval
- Learning in Process Automation and Control
- Medical Imaging
- Motion and Tracking
- Natural Language Processing
- Object Recognition/Tracking
- Robotics
- Sensors and Early Vision
- Shape Representation
- Signal Processing
- Audio and Speech Analysis
- Video Analysis
- Virtual Environments
- Web Applications
- Bioinformatics and Systems Biology
- Biometrics
- Document Analysis
- Economics, Business and Forecasting Applications
- Image Understanding
- Image-based Modelling
- Industry Related Applications

KEYNOTE SPEAKERS

Rita Cucchiara, University of Modena and Reggio Emilia, Italy

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Edwin Hancock, York University, United Kingdom
Xiaoyi Jiang, University of Münster, Germany
Alfred Bruckstein, Technion, Israel

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