

The British Machine Vision Association and Society for Pattern Recognition

BMVA Symposium on Video Understanding

One Day BMVA symposium in London Wednesday 25th September 2019

Chairs: Hilde Kuehne, Dima Damen, Juergen Gall & Ivan Laptev

www.weeby.bmva.com

New models for video understanding remain a bottleneck for research despite the increase in the number of large-scale video datasets. The symposium's objective is to share the latest research, but also feedback to the community about the major challenges, and plan for an ongoing collaboration on video understanding beyond the simplified concept of classification of trimmed videos.

Programme:

9:00-9:45	Keynote: Jeff Zachs	University of Washington
9:45-10:05	Rahul Sukthankar	Google, CMU
10:05-10:25	Cees Snoek University of Amsterdam	
10:25-10:45	Mubarak Shah University of Central Florida	
10:45-11:10	Coffee Break	
11:10-11:30	Cordelia Schmid	INRIA
11:30-11:50	Dima Damen Univer	rsity of Bristol
11:50-12:10	Juan Carlos Niebles	Stanford University- Toyota
12:10-12:30	Du Tran Facebo	pok
12:30-12:50	Jason Corso Univer	rsity of Michigan
12:50-14:00	Lunch and Poster Session	
14:00-14:20	Andrew Zisserman	University of Oxford
14:20-14:40	Lorenzo Torresani	Dartmouth College, Facebook
14:40-15:00	Hilde Kuehne MIT-IBM Watson Lab	
15:00-15:20	Ivan Laptev INRIA	
15:20-15:40	Nazli Ikizler-Cinbis	Hacettepe University, Ankara
15:40-16:20	Coffee Break	
16:20-16:40	Jan van Gemert	Delft University of Technology
16:40-17:00	Juergen Gall University of Bonn	
17:00-17:20	Angela Yao Singapore University	
17:20-17:40	Efstratios Gavves	University of Amsterdam
17:40-18:00 Discussion and Concluding Remarks		

Registration: Book online at bmva.weebly.com

BMVA Members: £16,Non-Members: £36, (Both Inc Lunch)The BCS Venue has changed

British Computer Society BCS, 25 Copthall Avenue, London EC2R 7BP



Posters:

Pascal Mettes - University of Amsterdam: Recognizing Unseen Actions from Objects
Xavier Giro-i-Nieto - UPC: RVOS: End-to-End RNN for Video Object Segmentation
Tu Bui - University of Surrey: Tamper-proofing Video using Temporal Hashes on the Blockchain
Samuel Albanie - University of Oxford: Use What You Have: Video retrieval using representations from collaborative experts

Matthew Bezdek- Washington University: The 3D Extended Activity Multi-camera Dataset (TEAM) Armin Mustafa- Uni of Surrey: Semantic Co-segmentation & 4D Reconstruction for Dynamic Scene Luowei Zhou- University of Michigan: Grounded Video Description Davide Moltisanti- Uni of Bristol: Action Rec. from Single Timestamp in Untrimmed Videos Salah Al-Obaidi - University of Sheffield: Temporal Salience Based Human Action Recognition Farnoosh Heidarivincheh – Uni of Bristol: Action Completion: A Temporal Model for Moment Noureldien Hussein - Uni of Amsterdam: Timeception for Complex Action Recognition Michael Wray- University of Bristol: Learning Visual Actions Using Multiple Verb-Only Labels **Chien-Yi Chang**- Stanford University: Procedure Planning in Instructional Video Hazel Doughty - Uni of Bristol: Rank-aware Temporal Attention for Skill Determination in Videos Mohsen Fayyaz- University of Bonn: Holistic Large Scale Video Understanding Rami Ben-Ari- IBM Research-AI: Object detection without labeling from video with transcripts Yaser Souri- University of Bonn: Weakly Supervised Action Segmentation Using Mutual Consistency Evangelos Kazakos- University of Bristol: Audio-Visual Temporal Binding for Egocentric Action Rec. Jiaojiao Zhao- University of Amsterdam: Two-in-one Stream Action Detection Will Price- University of Bristol: Benchmarking action recognition models on EPIC-Kitchens Lilli Bruckschen- University of Bonn: Detection of Human-Object Interactions in Video Streams Jonathan Munro- Uni of Bristol: Multi-Modal Domain Adaptation for Fine-grained Action Rec. Anna Kukleva - Uni of Bonn: Unsupervised learning of action with continuous temporal embedding Aishah alsehaim- Durham Uni: Advance Visual Sequence Learning for Action Rec. via 3D-CNN Harri Taylor - Cardiff Uni: Audio-visual explanations for activity rec. using discriminative relevance Liam Hiley- Cardiff Uni: Temporal Information in Activity Rec. for Situational Understanding Zheheng Jiang: Context-aware Mouse Behaviour Recognition using Hidden Markov Models