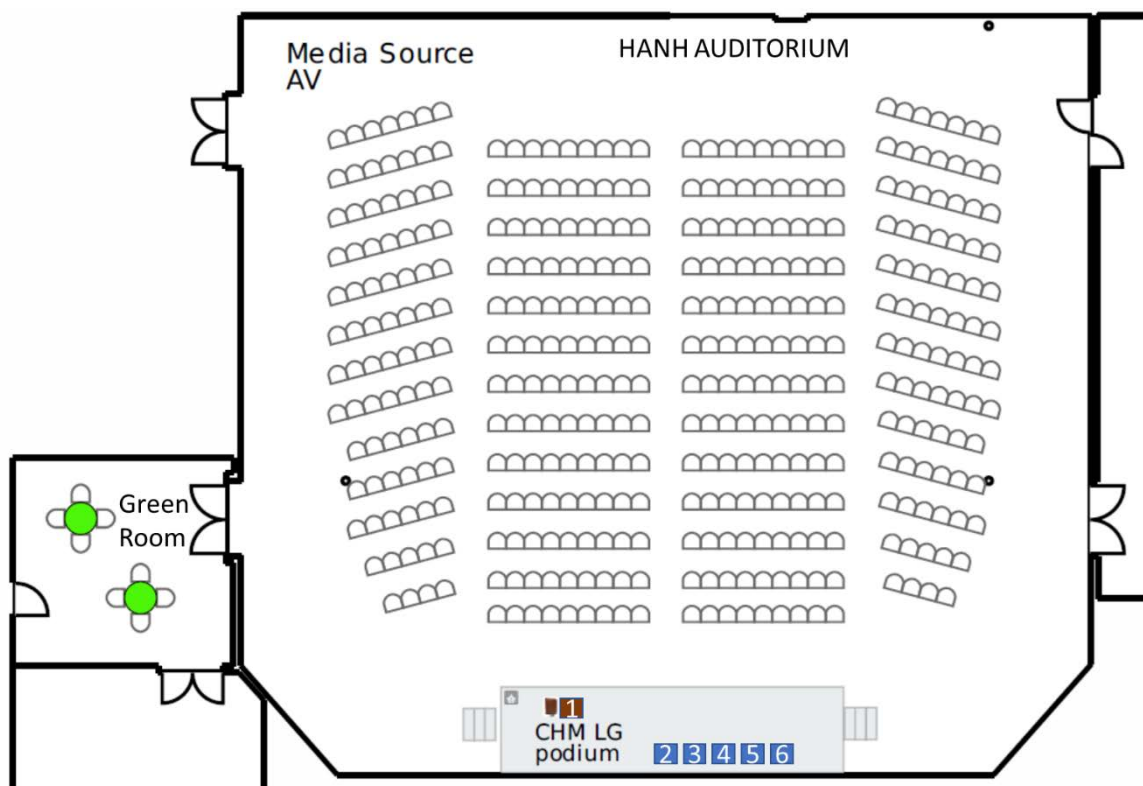


### Instructions for Fast Forward Presentations:

- Presenters will assemble at the “**Green Room**” attached to “**HANH AUDITORIUM**” as shown in the **Figure 1 green-box(a)**, 30 minutes prior to their Fast Forward pitch session (e.g., FF-1 at 8:00, FF-2 at 13:00, FF-3 at 8:00, FF-4 at 13:00, FF-5 at 8:00, FF-6 at 13:00) for pre-talk preparation and ordering confirmation.
- Each time group of 6 presenter (as per the paper order given in **Table 1**) go to the stage every 5 minutes. There are 5 chairs on the stage. The first presenter from the group will start presenting standing at the podium and other 5 will wait for their turns sitting in the chair. Also, second presenter in the group will take the first chair closest to the podium then the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> presenter as shown in the figure below.

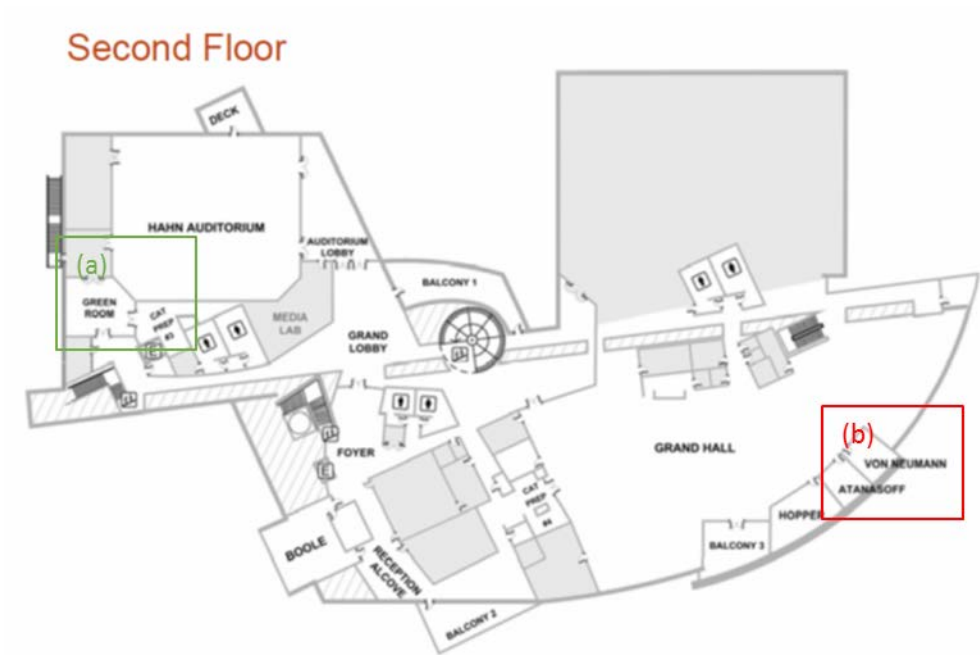


### Instructions for Fast Forward Poster Session:

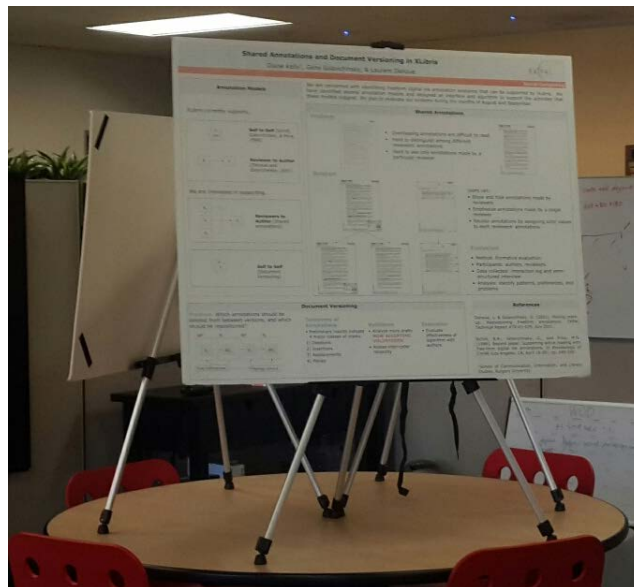
- During the coffee break (10:00 to 10:30) all authors presenting their posters (Oct. 24- Poster session 1 & 2, Oct. 25 – Poster session 3 & 4, Oct. 26 – Poster Session 5 & 6) must collect their easel, foam board and clips to fix their posters by making a queue at Meeting rooms (**VON NEUMAN** and **ATANASOFF**) in “**Grand Hall**” shown in the **Figure 1 red-box(a)**.
- As shown in the **Figure 2**, set-up the posters on the Grand Hall round table based on the allocated Table number. Authors of (Poster session 1, Poster session 3, Poster Session 5) will set-up their posters from 13:00 to 13:30. Authors of (Poster session 2, Poster session 4, Poster Session 6) will come to set-up as soon as they complete delivering their pitch from 13:00 to 13:30.

- Table numbers for your session and poster is provided in **Table 1**.

*Figure 1 Grand Hall and Meeting rooms*



*Figure 2 Setting up the poster on table*



*Table 1 Table number allocation for posters*

<b>Fast Forward 1 (Poster session 1)</b>	
Table No.	
1	Attention Transfer from Web Images for Video RecognitionJunnan Li (National University of Singapore); Yongkang Wong (National University of Singapore); Qi Zhao (University of Minnesota); Mohan Kankanhalli (National University of Singapore)
1	SketchParse: Towards Rich Descriptions for Poorly Drawn Sketches using Multi-Task Hierarchical Deep NetworksRavi Kiran Sarvadevabhatla (Indian Institute of Science); Isht Dwivedi (Indian Institute of Science); Abhijat Biswas (Indian Institute of Science); Sahil Manocha (Indian Institute of Technology, Hyderabad); Venkatesh Babu R. (Indian Institute of Science)
1	Place-centric Visual Urban Perception with Deep Multi-instance RegressionXiaobai Liu (San Diego State University); Qi Chen (San Diego State University); Yuanlu Xu (University of California, Los Angeles); Lei Zhu (University of Queensland); Xuming He (ShanghaiTech University)
3	Future-Supervised Retrieval of Unseen Queries for Live VideoSpencer Cappallo (University of Amsterdam); Cees Snoek (University of Amsterdam)
3	Learning to Compose with Professional Photographs on the WebYi-Ling Chen (University of California, Davis); Jan Klopp (National Taiwan University); Min Sun (National Tsing Hua University); Shao-Yi Chien (National Taiwan University); Kwan-Liu Ma (University of California, Davis)
3	StructCap: Structured Semantic Embedding for Image CaptioningFuhai Chen (Xiamen University); Rongrong Ji (Xiamen University); Jinsong Su (Xiamen University); Yongjian Wu (Tencent YouTu Lab); Yunsheng Wu (Tencent YouTu Lab)
5	Is Foveated Rendering Perceivable in Virtual Reality? Exploring the Efficiency and Consistency of Quality Assessment MethodsChih-Fan Hsu (Academia Sinica); Anthony Chen (Institute of Information Science, Academia Sinica); Cheng-Hsin Hsu (Department of Computer Science, National Tsing Hua University); Chun-Ying Huang (Department of Computer Science, National Chiao Tung University); Chin-Laung Lei (Department of Electrical Engineering, National Taiwan University); Kuan-Ta Chen (Institute of Information Science, Academia Sinica)
5	FaceCollage: A Rapidly Deployable System for Real-time Head Reconstruction for On-The-Go 3D TelepresenceFuwen Tan (University of Virginia); Chi-Wing Fu (the Chinese University of Hong Kong); Jianfei Cai (Nanyang Technological University); Teng Deng (Nanyang Technological University); Tat-Jen Cham (Nanyang Technological University)
5	LiveJack: Integrating CDNs and Edge Clouds for Live Content BroadcastingBo Yan (New York University); Shu Shi (AT&T Labs Research); Yong Liu (New York University); Weizhe Yuan (New York University); Haoqin He (New York University); Rittwik Jana (AT&T Labs Research); Yang Xu (New York University); H. Jonathan Chao (New York University)
7	Attention Transfer from Web Images for Video RecognitionJunnan Li (National University of Singapore); Yongkang Wong (National University of Singapore); Qi Zhao (University of Minnesota); Mohan Kankanhalli (National University of Singapore)
7	SketchParse: Towards Rich Descriptions for Poorly Drawn Sketches using Multi-Task Hierarchical Deep NetworksRavi Kiran Sarvadevabhatla (Indian Institute of Science); Isht Dwivedi (Indian Institute of Science); Abhijat Biswas (Indian Institute of Science); Sahil Manocha (Indian Institute of Technology, Hyderabad); Venkatesh Babu R. (Indian Institute of Science)
7	Place-centric Visual Urban Perception with Deep Multi-instance RegressionXiaobai Liu (San Diego State University); Qi Chen (San Diego State University); Yuanlu Xu (University of

	California, Los Angeles); Lei Zhu (University of Queensland); Xuming He (ShanghaiTech University)
9	Future-Supervised Retrieval of Unseen Queries for Live VideoSpencer Cappallo (University of Amsterdam); Cees Snoek (University of Amsterdam)
9	Learning to Compose with Professional Photographs on the WebYi-Ling Chen (University of California, Davis); Jan Klopp (National Taiwan University); Min Sun (National Tsing Hua University); Shao-Yi Chien (National Taiwan University); Kwan-Liu Ma (University of California, Davis)
9	StructCap: Structured Semantic Embedding for Image CaptioningFuhai Chen (Xiamen University); Rongrong Ji (Xiamen University); Jinsong Su (Xiamen University); Yongjian Wu (Tencent YouTu Lab); Yunsheng Wu (Tencent YouTu Lab)
11	Is Foveated Rendering Perceivable in Virtual Reality? Exploring the Efficiency and Consistency of Quality Assessment MethodsChih-Fan Hsu (Academia Sinica); Anthony Chen (Institute of Information Science, Academia Sinica); Cheng-Hsin Hsu (Department of Computer Science, National Tsing Hua University); Chun-Ying Huang (Department of Computer Science, National Chiao Tung University); Chin-Laung Lei (Department of Electrical Engineering, National Taiwan University); Kuan-Ta Chen (Institute of Information Science, Academia Sinica)
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13	Face Aging with Contextual Generative Adversarial NetsSi Liu (Chinese Academy of Science); Yao Sun (Chinese Academy of Science); Wei Wang (University of Trento); Renda Bao (Chinese Academy of Science); Defa Zhu (Chinese Academy of Science); Shuicheng Yan (360 Artificial Intelligence Institute)
13	Fashion World Map: Understanding Cities Through Streetwear FashionYu-Ting Chang (Academia Sinica); Wen-Huang Cheng (Academia Sinica); Bo Wu (China University of Chinese Academy of Sciences, China); Kai-Lung Hua (CSIE, National Taiwan University of Science and Technology, Taiwan)
13	Automatic Adjustment of Stereoscopic Content for Long-Range Projections in Outdoor AreasBehnam Maneshgar (Concordia University); Leila Sujir (Concordia University); Sudhir Mudur (Concordia University); Charalambos Poullis (Concordia University)
15	Multiview and Multimodal Pervasive Indoor LocalizationZhenguang Liu (National University of Singapore); Li Cheng (Agency for Science Technology and Research); Anan Liu (Tianjin University); Luming Zhang (Hefei University of Technology); Xiangnan He (National University of Singapore); Roger Zimmermann (National University of Singapore)
15	Searching Personal Photos on the Phone with Instant Visual Query Suggestion and Joint Text-Image HashingZhaoyang Zeng (SUN YAT-SEN UNIVERSITY); Jianlong Fu (Microsoft Research); Hongyang Chao (Sun Yat-Sen University); Tao Mei (Microsoft Research)
15	A Unified Personalized Video Recommendation via Dynamic Recurrent Neural NetworksJunyu Gao (Institute of Automation, Chinese Academy of Sciences); Tianzhu Zhang (Institute of Automation, Chinese Academy of Sciences); Changsheng Xu (Institute of Automation, Chinese Academy of Sciences)

## Fast Forward 2 (Poster session 2)

Table No.	
2	Unconstrained Fashion Landmark Detection via Hierarchical Recurrent Transformer Networks <b>Sijie Yan (The Chinese University of Hong Kong); Ziwei Liu (The Chinese University of Hong Kong); Ping Luo (The Chinese University of Hong Kong); Xiaogang Wang (The Chinese University of Hong Kong); Xiaou Tang (The Chinese University of Hong Kong)</b>
2	Deep Attribute-preserving Metric Learning for Natural Language Object Retrieval <b>Jianan Li (Beijing Institute of Technology); Yunchao Wei (National University of Singapore); Xiaodan Liang (Carnegie Mellon University); Fang Zhao (National University of Singapore); Jianshu Li (National University of Singapore); Tingfa Xu (Beijing Institute of Technology); Jiashi Feng (National University of Singapore)</b>
2	Understanding Fashion Trends from Street Photos via Neighbor-Constrained Embedding Learning <b>Xiaoling Gu (Zhejiang Univeristy); Yongkang Wong (National University of Singapore); Pai Peng (Tencent company); Lidan Shou (Zhejiang University); Gang Chen (Zhejiang University); Mohan S. Kankanhalli (National University of Singapore)</b>
4	Skeleton-Aided Articulated Motion Generation <b>Yichao Yan (Shanghai Jiao Tong University); Jingwei Xu (Shanghai Jiao Tong University); Bingbing Ni (Shanghai Jiao Tong University); Wendong Zhang (Shanghai Jiao Tong University); Xiaokang Yang (Shanghai Jiao Tong University)</b>
4	Deep Progressive Hashing for Image Retrieval <b>Jiale Bai (Shanghai Jiao Tong University); Bingbing Ni (Shanghai Jiao Tong University); Minsi Wang (Shanghai Jiao Tong University); Hanjiang Lai (Sun Yat-Sen University); Yang Shen (Shanghai Jiao Tong University); Lin Mei (the Third Research Institute of the Ministry of Public Security); Chongyang Zhang (Shanghai Jiao Tong University); Chuanping Hu (the Third Research Institute of the Ministry of Public Security)</b>
4	The Role of Visual Attention in Sentiment Prediction <b>Shaojing Fan (National University of Singapore); Ming Jiang (University of Minnesota); Zhiqi Shen (National University of Singapore); Bryan Koenig (Washington University in St. Louis); Mohan Kankanhalli (National University of Singapore); Qi Zhao (University of Minnesota)</b>
6	Robust Visual Object Tracking with Top-down Reasoning <b>Mengdan Zhang (National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences); Jiashi Feng (National University of Singapore); Weiming Hu (National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences)</b>
6	Pedestrian Path Forecasting in Crowd: A Deep Spatio-Temporal Perspective <b>Yuke Li (Wuhan University)</b>
6	Stylized Adversarial AutoEncoder for Image Generation <b>Yiru Zhao (Shanghai Jiao Tong University); Bing Deng (Alibaba Group); Jianqiang Huang (Alibaba Group); Hongtao Lu (Shanghai Jiao Tong University); Xian-Sheng Hua (Alibaba Group)</b>
8	ReGLE: Spatially Regularized Graph Learning for Visual Tracking <b>Chenglong Li (Anhui Unversity); Xiaohao Wu (Anhui University); Zhimin Bao (Anhui University); Jin Tang (Anhui University)</b>
8	Deep Unsupervised Convolutional Domain Adaptation <b>Junbao Zhuo (Key Lab of Intellectual Information Processing(CAS), Institute of Computing Technology, Chinese Academy of Sciences, Beijing, 100190, China); Shuhui Wang (Key Lab of Intellectual Information Processing(CAS), Institute of Computing Technology, Chinese Academy of Sciences, Beijing, 100190, China); Weigang Zhang (Harbin Institute of Technology (Weihai)); Qingming Huang (University of Chinese Academy of Sciences)</b>



8	Improving Event Extraction via Multimodal Integration <b>Tongtao Zhang (Rensselaer Polytechnic Institute); Spencer Whitehead (Rensselaer Polytechnic Institute); Hanwang Zhang (Columbia University); Hongzhi Li (Microsoft Research); Joseph Ellis (Columbia University); Lifu Huang (Rensselaer Polytechnic Institute); Wei Liu (Tencent Research); Heng Ji (Rensselaer Polytechnic Institute); Shih-Fu Chang (Columbia University)</b>
10	A Dual-Network Progressive Approach to Weakly Supervised Object Detection <b>Xuanyi Dong (University of Technology Sydney); Deyu Meng (Xi'an Jiaotong University); Fan Ma (Xi'an Jiaotong University); Yi Yang (University of Technology Sydney)</b>
10	Multimodal Learning for Web Information Extraction <b>Dihong Gong (University of Florida); Daisy Wang (University of Florida); Yang Peng (University of Florida)</b>
10	Fast Deep Matting for Portrait Animation on Mobile Phone <b>Bingke Zhu (Institute of Automation, Chinese Academy of Sciences); Yingying Chen (Institute of Automation, Chinese Academy of Sciences); Si Liu (Institute of Information Engineering, Chinese Academy of Sciences); Bo Zhang (North China University of Technology); Jinqiao Wang (Institute of Automation, Chinese Academy of Sciences); Ming Tang (Institute of Automation, Chinese Academy of Sciences)</b>
12	An HTTP/2-Based Adaptive Streaming Framework for 360° Virtual Reality Videos <b>Stefano Petrangeli (Ghent University - imec); Viswanathan Swaminathan (Adobe Systems - Adobe Research); Mohammad Hosseini (University of Illinois at Urbana-Champaign); Filip De Turck (Ghent University - imec)</b>
12	360ProbDASH: Improving QoE of 360 Video Streaming Using Tile-based HTTP Adaptive Streaming <b>Lan Xie (Peking University); Zhimin Xu (Peking University); Yixuan Ban (Peking University); Xinggong Zhang (Peking University); Zongming Guo (Peking University)</b>
12	ShareRender: Bypassing GPU Virtualization to Enable Fine-grained Resource Sharing for Cloud Gaming <b>Wei Zhang (Huazhong University of Science and Technology); Xiaofei Liao (Huazhong University of Science and Technology); Hai Jin (Huazhong University of Science and Technology); Peng Li (The University of Aizu); Li Lin (Huazhong University of Science and Technology)</b>
14	Temporal Binary Coding for Large-Scale Video Search <b>Ke Xia (Beihang Univ.); Yuqing Ma (Beihang Univ.); Xianglong Liu (Beihang Univ.); Yadong Mu (Peking University); Li Liu (Malong Technologies Co., Ltd)</b>
14	One-Shot Fine-Grained Instance Retrieval <b>Hantao Yao (Institute of Computing Technology (ICT), Chinese Academy of Sciences; University of Chinese Academy of Sciences); Shiliang Zhang (Electronic Engineering and Computer Science, Peking University); Yongdong Zhang (Institute of Computing Technology (ICT), Chinese Academy of Sciences); Jintao Li (Institute of Computing Technology (ICT), Chinese Academy of Sciences); Qi Tian (Computer Science University of Texas at San Antonio)</b>
14	Modeling the Intransitive Pairwise Image Preference from Multiple Angles <b>Jun Chen (Tsinghua University); Chaokun Wang (Tsinghua University); Jianmin Wang (Tsinghua University)</b>
16	PD-Survey - Supporting Audience-Centric Research through Surveys on Pervasive Display Networks <b>Florian Alt (University of Munich)</b>
16	Learning Visual Emotion Distributions via Multi-Modal Features Fusion <b>Sicheng Zhao (Tsinghua University); Guiguang Ding (Tsinghua University); Yue Gao (Tsinghua University); Jungong Han (Northumbria University)</b>
16	Exploiting High-Level Semantics for No-Reference Image Quality Assessment of Realistic Blur Images <b>Dingquan Li (Peking University); Tingting Jiang (Peking University); Ming Jiang (Peking University)</b>
18	A Paralinguistic Approach To Speaker Diarisation <b>Yue Zhang (Imperial College London); William McGehee (Imperial College London); Maximilian Schmitt (University of Passau); Florian Eyben (audEERING GmbH); Björn Schuller (University of Passau / Imperial College London)</b>

18	Wheel: Accelerating CNNs with Distributed GPUs via Hybrid Parallelism and Alternate StrategyXiaoyu Du (University of Electronic Science and Technology of China); Jinhui Tang (Nanjing University of Science and Technology); Zechao Li (Nanjing University of Science and Technology); Zhiguang Qin (University of Electronic Science and Technology of China)
18	A Delicious Recipe Analysis Framework for Exploring Multi-Modal Recipes with Various AttributesWeiqing Min (the Key Lab of Intelligent Information Processing, Institute of Computing Technology, Chinese Academy of Sciences); Shuqiang Jiang (the Key Lab of Intelligent Information Processing, Institute of Computing Technology, Chinese Academy of Sciences); Shuhui Wang (the Key Lab of Intelligent Information Processing, Institute of Computing Technology, Chinese Academy of Sciences); Jitao Sang (the National Lab of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences); Shuhuan Mei (Shandong University of Science and Technology)
20	Multi-Modal Knowledge Representation Learning via Webly-Supervised Relationships MiningFudong Nian (Anhui University); Bingkun Bao (CASIA); Teng Li (Anhui University); Changsheng Xu (CASIA)
20	GLAD: Global-Local-Alignment Descriptor for Pedestrian RetrievalLonghui Wei (Peking University); Shiliang Zhang (Peking University); Hantao Yao (Institute of Computing Technology, Chinese Academy of Sciences); University of Chinese Academy of Sciences; Wen Gao (Peking University); Qi Tian (Department of Computer Science, University of Texas at San Antonio)
<b>Fast Forward 3 (Poster session 3 &amp; 4)</b>	
Table No.	
1	Query-adaptive Video Summarization via Quality-aware Relevance EstimationArun Balajee Vasudevan (ETH Zurich); Michael Gygli (ETH Zurich); Anna Volokitin (ETH Zurich); Luc Van Gool (ETH Zurich)
1	Predicting Human Intentions from Motion Cues Only: A 2D+3D Fusion ApproachAndrea Zunino (Istituto Italiano di Tecnologia); Jacopo Cavazza (Istituto Italiano di Tecnologia); Atesh Koul (Istituto Italiano di Tecnologia); Andrea Cavallo (Istituto Italiano di Tecnologia); Cristina Becchio (Istituto Italiano di Tecnologia); Vittorio Murino (Istituto Italiano di Tecnologia)
1	RGB-D Scene Recognition with Object-to-Object RelationXinhang Song (Institute of Computing Technology of Chinese Academy of Sciences (CAS)); Chengpeng Chen (Institute of Computing Technology of Chinese Academy of Sciences (CAS)); Shuqiang Jiang (Institute of Computing Technology of Chinese Academy of Sciences (CAS))
3	Data Generation for Improving Person Re-identificationLin Chen (Shanghai Jiao Tong University); Hua Yang (Shanghai Jiao Tong University); Shuang Wu (Shanghai Jiao Tong university); Zhiyong Gao (Shanghai Jiao Tong university)
3	Salient Object Detection with Chained Multi-Scale Fully Convolutional NetworkYoubao Tang (School of Computer Science and Technology, Harbin Institute of Technology); Xiangqian Wu (School of Computer Science and Technology, Harbin Institute of Technology)
3	Fine-grained Discriminative Localization via Saliency-guided Faster R-CNNXiangteng He (Peking University); Yuxin Peng (Peking University); Junjie Zhao (Peking University)
5	Learning to Recognise Unseen Classes by A Few SimilesYang Long (The University of Sheffield); Ling Shao (The University of East Anglia)
5	Deep Cross-Modality Alignment for Multi-Shot Person Re-IDentificationZhichao Song (Shanghai Jiao Tong University); Bingbing Ni (Shanghai Jiao Tong University); Yichao Yan (Shanghai Jiao Tong University); Zhe Ren (Shanghai Jiao Tong University); Yi Xu (Shanghai Jiao Tong University); Xiaokang Yang (Shanghai Jiao Tong University)

5	Improved Multimodal Representation Learning with Skip Connections <b>Ning Zhang (UMass Lowell); Yu Cao (UMass Lowell); Yan Luo (UMass Lowell); Benyuan Liu (UMass Lowell)</b>
7	Modeling Image Virality with Pairwise Spatial Transformer Networks <b>Abhimanyu Dubey (Harvard University); Sumeet Agarwal (IIT Delhi)</b>
7	Metric-based Generative Adversarial Network <b>Guoxian Dai (New York University Abu Dhabi); Jin Xie (New York University Abu Dhabi); Yi Fang (New York University Abu Dhabi)</b>
7	More Than An Answer: Neural Pivot Network for Visual Question Answering <b>Yiyi Zhou (Xiamen University); Rongrong Ji (Xiamen University); Jinsong Su (Xiamen University); Yongjian Wu (Tencent Yutu Lab); Yunsheng Wu (Tencent Yutu Lab)</b>
9	<b>Aristo: An Augmented Reality Platform for Immersion and Interactivity</b> Zhongyang Zheng, Bo Wang, Yakun Wang, Shuang Yang, Zhongqian Dong, Tianyang Yi, Cyrus Choi, Emily J. Chang, Edward Y. Chang (HTC Research)
9	Sports VR Content Generation from Regular Camera Feeds <b>Kiana Calagari (Simon Fraser University); Mohamed Elgharib (Qatar Computing Research Institute); Mohamed Hefeeda (Simon Fraser University); Shervin Shirmohammadi (University of Ottawa)</b>
9	OpTile: Toward Optimal Tiling in 360-degree Video Streaming <b>Mengbai Xiao (George Mason University); Chao Zhou (SUNY Binghamton); Yao Liu (SUNY Binghamton); Songqing Chen (George Mason University)</b>
11	Too Many Pixels to Perceive: Subpixel Shutoff for Display Energy Reduction on OLED Smartphones <b>Zhisheng Yan (State University of New York at Buffalo); Chang Wen Chen (State University of New York at Buffalo)</b>
11	Exploring Consistent Preferences: Discrete Hashing with Pair-Exemplar for Scalable Landmark Search <b>Lei Zhu (The University of Queensland); Zi Huang (The University of Queensland); Xiaojun Chang (Carnegie Mellon University); Jingkuan Song (Columbia University); Heng Tao Shen (University of Electronic Science and Technology of China)</b>
11	Fast and Accurate Pedestrian Detection using Dual-Stage Group Cost-Sensitive RealBoost with Vector Form Filters <b>Chengju Zhou (NTU); Meiqing Wu (NTU); Siew-Kei Lam (NTU)</b>
13	Online Cross-Modal Scene Retrieval by Binary Representation and Semantic Graph <b>Mengshi Qi (Beihang University); Yunhong Wang (Beihang University); Annan Li (Beihang University)</b>
13	NeuroStylist: Neural Compatibility Modeling for Clothing Matching <b>Xuemeng Song (Shandong University); Fuli Feng (National University of Singapore); Jinhuan Liu (Shandong University); Zekun Li (Shandong University); Liqiang Nie (Shandong University); Jun Ma (Shandong University)</b>
13	It's All Around You: Exploring 360° Video Viewing Experiences on Mobile Devices <b>Marc van den Broeck (Bell Labs); Fahim Kawsar (Bell Labs); Johannes Schöning (University of Bremen)</b>
15	Exploring Domain Knowledge for Affective Video Content Analyses <b>Tanfang Chen (USTC); Yaxin Wang (USTC); Shangfei Wang (USTC); Shiyu Chen (USTC)</b>
15	Occlusion-aware Video Temporal Consistency <b>Chun-Han Yao (National Taiwan University); Chia-Yang Chang (National Taiwan University); Shao-Yi Chien (National Taiwan University)</b>
15	Protest Activity Detection and Perceived Violence Estimation from Social Media Images <b>Dong Hyeon Won (UCLA); Zachary Steinert-Threlkeld (UCLA); Jungseock Joo (UCLA)</b>
17	<b>Multimodal Fusion with Recurrent Neural Networks for Rumor Detection on Microblogs</b> Zhiwei Jin (Institute of Computing Technology, Chinese Academy of Sciences); Han Guo (Institute of Computing Technology, Chinese Academy of Sciences); Juan Cao (Institute of Computing Technology, Chinese Academy of Sciences, Beijing 100080, China); Yongdong Zhang (Institute of Computing Technology, Chinese Academy of Sciences); Jiebo Luo (University of Rochester)



### Fast Forward 4 (Poster session 3 & 4)

Table No.	
17	Indefinite Kernel Logistic Regression <b>Fanghui Liu (Shanghai Jiao Tong University); Xiaolin Huang (Shanghai Jiao Tong University); Jie Yang (Shanghai Jiao Tong University)</b>
17	Positive and Unlabeled Learning for Anomaly Detection with Multi-features <b>Jiaqi Zhang (Nanyang Technological University); Zhenzhen Wang (Nanyang Technological University); Junsong Yuan (Nanyang Technological University); Yap Peng Tan (Nanyang Technological University)</b>
19	Hierarchical Recurrent Neural Network for Video Summarization <b>Bin Zhao (Northwestern Polytechnical University); Xuelong Li (Chinese Academy of Sciences); Xiaoqiang Lu (Chinese Academy of Sciences)</b>
19	Learning a Target Sample Re-Generator for Cross-Database Micro-Expression Recognition <b>Yuan Zong (Southeast University); Xiaohua Huang (University of Oulu); Wenming Zheng (Southeast University); Zhen Cui (Southeast University); Guoying Zhao (University of Oulu)</b>
19	From Multimedia Logs to Personal Chronicles <b>Hyungik Oh (University of California, Irvine); Ramesh Jain (University of California, Irvine)</b>
21	Indefinite Kernel Logistic Regression <b>Fanghui Liu (Shanghai Jiao Tong University); Xiaolin Huang (Shanghai Jiao Tong University); Jie Yang (Shanghai Jiao Tong University)</b>
21	Positive and Unlabeled Learning for Anomaly Detection with Multi-features <b>Jiaqi Zhang (Nanyang Technological University); Zhenzhen Wang (Nanyang Technological University); Junsong Yuan (Nanyang Technological University); Yap Peng Tan (Nanyang Technological University)</b>
21	Hierarchical Recurrent Neural Network for Video Summarization <b>Bin Zhao (Northwestern Polytechnical University); Xuelong Li (Chinese Academy of Sciences); Xiaoqiang Lu (Chinese Academy of Sciences)</b>
23	Learning a Target Sample Re-Generator for Cross-Database Micro-Expression Recognition <b>Yuan Zong (Southeast University); Xiaohua Huang (University of Oulu); Wenming Zheng (Southeast University); Zhen Cui (Southeast University); Guoying Zhao (University of Oulu)</b>
23	From Multimedia Logs to Personal Chronicles <b>Hyungik Oh (University of California, Irvine); Ramesh Jain (University of California, Irvine)</b>
23	Hard to Soft: Towards more Human-like Emotion Recognition by Modelling the Perception Uncertainty <b>Jing Han (University of Passau); Zixing Zhang (University of Passau); Maximilian Schmitt (University of Passau); Maja Pantic (Imperial College London); Björn Schuller (University of Passau / Imperial College London)</b>
25	Two Birds One Stone: On both Cold-Start and Long-Tail Recommendation <b>Jingjing Li (University of Electronic Science and Technology of China); Ke Lu (University of Electronic Science and Technology of China); Zi Huang (School of Information Technology and Electrical Engineering, The University of Queensland, St. Lucia, QLD 4072 Australia); Heng Tao Shen (University of Electronic Science and Technology of China)</b>
25	Multi-Networks Joint Learning for Large-Scale Cross-Modal Retrieval <b>Liang Zhang (ucas); Bingpeng Ma (UCAS); Guorong Li (ucas); Qingming Huang (ucas); Qi Tian (University of Texas at San Antonio)</b>
25	Photo2Trip: Exploiting Visual Contents in Geo-tagged Photos for Personalized Tour Recommendation <b>Pengpeng Zhao (Soochow University); Xiefeng Xu (Soochow University);</b>

	<b>Yanchi Liu (Rutgers University); Victor S. Sheng (University of Central Arkansas); Kai Zheng (Soochow University); Hui Xiong (Rutgers University)</b>
27	<b>Rethinking HTTP Adaptive Streaming with the Mobile User Perception</b> <b>Chao Wu (Tsinghua University); Wenwu Zhu (Tsinghua University); Qiushi Li (Tsinghua University); Yaoxue Zhang (Central South University)</b>
27	<b>REQUEST: Seamless Dynamic Adaptive Streaming over HTTP for Multi-Homed Smartphone under Resource Constraints</b> <b>Jonghoe Koo (Department of ECE and INMC, Seoul National University, Seoul, Korea); Juheon Yi (Department of ECE and INMC, Seoul National University, Seoul, Korea); Joongheon Kim (School of Computer Science and Engineering, Chung-Ang University, Seoul, Korea); Mohammad A. Hoque (University of Helsinki, Helsinki, Finland); Sunghyun Choi (Department of ECE and INMC, Seoul National University, Seoul, Korea)</b>
27	<b>Optimal Set of 360-Degree Videos for Viewport-Adaptive Streaming</b> <b>Xavier Corbillon (IMT Atlantique); Gwendal Simon (IMT Atlantique); Alisa Devlic (Huawei); Jacob Chakareski (University of Alabama)</b>
29	<b>Deep Active Learning Through Cognitive Information Parcels</b> <b>Wencang Zhao (Qingdao University of Science and Technology); Yu Kong (Northeastern University); Zhengming Ding (Northeastern University); Shangqian Gao (Northeastern University); Yun Fu (Northeastern University)</b>
29	<b>3DensiNet: A Robust Neural Network Architecture towards 3D Volumetric Object Prediction from 2D Image</b> <b>Meng Wang (New York University); Lingjing Wang (New York University); Yi Fang (New York University)</b>
29	<b>Towards Micro-video Understanding by Joint Sequential-Sparse Modeling</b> <b>Meng Liu (Shandong University); Liqiang Nie (Shandong University); Meng Wang (Hefei University of Technology); Baoquan Chen (Shandong University)</b>
22	<b>LEAF: Latent Extended Attribute Features Discovery for Visual Classification</b> <b>Hua Zhang (Institute of Information Engineering, Chinese Academy of Sciences); Rui Wang (Institute of Information Engineering, Chinese Academy of Sciences); Changqing Zhang (Tianjin University); Xiaochun Cao (Institute of Information Engineering, Chinese Academy of Sciences)</b>
22	<b>Single Shot Temporal Action Detection</b> <b>Tianwei Lin (Shanghai Jiao Tong University); Xu Zhao (Shanghai Jiao Tong University); Zheng Shou (Columbia University)</b>
22	<b>Finding the Secret of CNN Parameter Layout under Strict Size Constraint</b> <b>Liao Lixin (Beijing Jiaotong University); Yao Zhao (Beijing Jiaotong University); Shikui Wei (Beijing Jiaotong University); Wang Jingdong (Microsoft Research Asia); Liu Ruoyu (Beijing Jiaotong University)</b>
24	<b>Deep Temporal Models using Identity Skip-Connections for Speech Emotion Recognition</b> <b>Jaebok Kim (University of Twente); Gwenn Englebienne (University of Twente); Khiet Truong (University of Twente); Vanessa Evers (University of Twente)</b>
24	<b>Video Description with Spatial-Temporal Attention</b> <b>Yunbin Tu (Hangzhou Dianzi University); Xishan Zhang (Institute of Computing Technology, Chinese Academy of Sciences, Beijing, China); Bingtao Liu (Hangzhou Dianzi University); Chenggang Yan (Hangzhou Dianzi University)</b>
24	<b>Pedestrian Detection via Bi-directional Multi-scale Analysis</b> <b>Zhenyu Duan (Shanghai Jiao Tong University); Jinpeng Lan (Shanghai Jiao Tong University); Yi Xu (Shanghai Jiao Tong University); Bingbing Ni (Shanghai Jiao Tong University); Lixue Zhuang (Shanghai Jiao Tong University); Xiaokang Yang (Shanghai Jiao Tong University)</b>
26	<b>Fine-Grained Recognition via Attribute-Guided Attentive Feature Aggregation</b> <b>Yichao Yan (Shanghai Jiao Tong University); Bingbing Ni (Shanghai Jiao Tong University); Xiaokang Yang (Shanghai Jiao Tong University)</b>

26	NormFace: L2 Hypersphere Embedding for Face Verification <b>Feng Wang (University of Electronic Science and Technology of China); Xiang Xiang (Johns Hopkins University); Jian Cheng (University of Electronic Science and Technology of China); Alan Yuille (Johns Hopkins University)</b>
26	Video Question Answering via Hierarchical Dual-Level Attention Network Learning <b>Zhou Zhao (zhejiang university); Jinghao Lin (zhejiang university); Xinghua Jiang (zhejiang university); Deng Cai (Zhejiang University); Xiaofei He (Zhejiang University); Yueting Zhuang (Zhejiang University)</b>
28	Region-based Activity Recognition Using Conditional GAN <b>Xinyu Li (Rutgers University); Yanyi Zhang (Rutgers University); Jianyu Zhang (Rutgers University); Yueyang Chen (Rutgers University); Huangcan Li (Rutgers University); Ivan Marsic (Rutgers University); Randall Burd (Children's National Medical Center)</b>
<b>Fast Forward 5 (Poster session 5)</b>	
Table No.	
1	Visual Sentiment Analysis for Review Images with Item-Oriented and User-Oriented CNN <b>Quoc-Tuan Truong (Singapore Management University); Hady Lauw (Singapore Management University)</b>
1	Mutually Guided Image Filtering <b>Xiaoje Guo (IIE, CAS); Yu Li (ADSC); Jiayi Ma (Wuhan University)</b>
1	Learning Semantic Feature Map for Visual Content Recognition <b>Rui-Wei Zhao (Fudan University); Zuxuan Wu (University of Maryland); Jianguo Li (Intel Labs China); Yu-Gang Jiang (Fudan University)</b>
3	Video Visual Relation Detection <b>Xindi Shang (National University of Singapore); Tongwei Ren (Nanjing University); Jingfan Guo (Nanjing University); Hanwang Zhang (Columbia University); Tat-Seng Chua (National University of Singapore)</b>
3	Deep Location-Specific Tracking <b>Lingxiao Yang (The Hong Kong Polytechnic University); Risheng Liu (Dalian University of Technology); David Zhang (The Hong Kong Polytechnic University); Lei Zhang (The Hong Kong Polytechnic University)</b>
3	A Multi-Task Framework for Weather Recognition <b>Zhigang Wang (Northwestern Polytechnical University); Xuelong Li (Chinese Academy of Sciences); Xiaoqiang Lu (Chinese Academy of Sciences)</b>
5	Discriminative Training of Complex-valued Deep Recurrent Neural Network for Singing Voice Separation <b>Yuan-Shan Lee (National Central University (NCU)); Kuo Yu (National Central University (NCU)); Sih-Huei Chen (National Central University (NCU)); Jia-Ching Wang (National Central University)</b>
5	Adaptive Low-Rank Multi-Label Active Learning for Image Classification <b>Jian Wu (Soochow University); Anqian Guo (Soochow University); Victor S. Sheng (University of Central Arkansas); Pengpeng Zhao (Soochow University); Zhiming Cui (Soochow University)</b>
5	Adaptively Attending to Visual Attributes and Linguistic Knowledge for Captioning <b>Yi Bin (University of Electronic Science and Technology of China); Yang Yang (University of Electronic Science and Technology of China); Jie Zhou (University of Electronic Science and Technology of China); Zi Huang (The University of Queensland); Heng Tao Shen (University of Electronic Science and Technology of China)</b>
7	Efficient Binary Coding for Subspace-based Query-by-Image Video Retrieval <b>Rucong Xu (University of Electronic Science and Technology of China); Yang Yang (University of Electronic Science and Technology of China); Fumin Shen (University of Electronic Science and Technology of China); Ning Xie (University of Electronic Science and Technology of China); Heng Tao Shen (University of Electronic Science and Technology of China)</b>

7	FRACTaL: FEC-based Rate Control for RTPBalázs Kreith (callstats.io & University of Debrecen), Varun Singh (callstats.io), Jörg Ott (Technical University of Munich & callstats.io)
7	When Cloud Meets Uncertain Crowd: An Auction Approach for Crowdsourced Livecast TranscodingYifei Zhu (Simon Fraser University); Jiangchuan Liu (Simon Fraser University); Zhi Wang (Tsinghua University); Cong Zhang (Simon Fraser University)
9	Multicamera Summarization of Rehabilitation Sessions in Home EnvironmentTarek Elgamal (University of Illinois Urbana champaign); Klara Nahrstedt (University of Illinois Urbana champaign)
9	Visualization of Stone Trajectories in Live Curling Broadcasts using Online Machine LearningMasaki Takahashi (Japan Broadcasting Corporation (NHK)); Shinsuke Yokozawa (Japan Broadcasting Corporation (NHK)); Hideki Mitsumine (Japan Broadcasting Corporation (NHK)); Tomoyuki Mishina (Japan Broadcasting Corporation (NHK)); Yasuyuki Matsuhisa (Japan Broadcasting Corporation (NHK)); Sawako Muramatsu (Japan Broadcasting Corporation (NHK))
9	Deep Binary Reconstruction for Cross-modal HashingXuelong Li (Northwestern Polytechnical University); Di Hu (Northwestern Polytechnical University); Feiping Nie (Northwestern Polytechnical University)
11	Semi-Dense Depth Interpolation using Deep Convolutional Neural NetworksIlya Makarov (National Research University Higher School of Economics, School of Data Analysis and Artificial Intelligence); Vladimir Aliev (National Research University Higher School of Economics, School of Data Analysis and Artificial Intelligence); Olga Gerasimova (National Research University Higher School of Economics, School of Data Analysis and Artificial Intelligence, International Laboratory for Intelligent Systems and Structural Analysis)
11	Venues in Social Media: Examining Ambiance Perception Through Scene SemanticsYassir Benkhedda (Idiap); Darshan Santani (Idiap); Daniel Gatica-Perez (Idiap-EPFL)
11	Moving as a Leader: Detecting Emergent Leadership in Small Groups using Body PoseCigdem Beyan (Istituto Italiano di Tecnologia, Pattern Analysis and Computer Vision); Vasiliki-Maria Katsageorgiou (Istituto Italiano di Tecnologia, Pattern Analysis and Computer Vision); Vittorio Murino (Istituto Italiano di Tecnologia, Pattern Analysis and Computer Vision; University of Verona, Department of Computer Science)
13	#VisualHashtags: Visual Summarization of Social Media Events Using Mid-Level Visual ElementsSonal Goel (IIIT-Delhi); Sarthak Ahuja (IBM Research, India); A V Subramanyam (IIIT-Delhi); Ponnuram Kumaraguru (IIIT-Delhi)
13	Multi-scale Context Based Attention for Dynamic Music Emotion PredictionYe Ma (Tsinghua University); Xinxing Li (Tsinghua University); Mingxing Xu (Tsinghua University); Lianhong Cai (Tsinghua University)
13	A Simplified Topological Representation of Text for Local and Global ContextIshrat Rahman Sami (Goldsmiths, University of London); Katayoun Farrahi (Goldsmiths, University of London)
15	Experimental Analysis of Bandwidth Allocation in Automated Video Surveillance SystemsSina Gholamnejad Davani (Wayne State University); Nabil Sarhan (Wayne State University)
15	Multimedia Semantic Integrity Assessment Using Joint Embedding Of Images And TextAyush Jaiswal (USC Information Sciences Institute); Ekraam Sabir (USC Information Sciences Institute); Wael Abd-Almageed (USC Information Sciences Institute); Prem Natarajan (USC Information Sciences Institute)
15	Real-Time False-Contours Removal for Inverse Tone Mapped HDR ContentGonzalo Luzardo (Ghent University); Jan Aelterman (Ghent University); Hiep Luong (Ghent University); Wilfried Philips (Ghent University); Daniel Ochoa (Escuela Superior Politécnica del Litoral)
17	Deep Matching and Validation NetworkYue Wu (Information Sciences Institute); Wael Abdalmageed (Information Sciences Institute); Prem Natarajan (Information Sciences Institute)

<b>Fast Forward 6 (Poster session 6)</b>	
2	Incremental Accelerated Kernel Discriminant Analysis <b>Nikolaos Gkalelis (ITI); Vasileios Mezaris (Informatics and Telematics Institute/ Centre for Research and Technology Hellas)</b>
2	Pseudo Label based Unsupervised Deep Discriminative Hashing for Image Retrieval <b>Qinghao Hu (Institute of Automation, Chinese Academy of Sciences); Jiaxiang Wu (Institute of Automation, Chinese Academy of Sciences); Jian Cheng (Institute of Automation, Chinese Academy of Sciences); Hanqing Lu (Institute of Automation, Chinese Academy of Sciences)</b>
2	Multi-Modal Localization and Enhancement of Multiple Sound Sources from a Micro Aerial Vehicle <b>Ricardo Sanchez-Matilla (Queen Mary University of London); Lin Wang (Queen Mary University of London); Andrea Cavallaro (Queen Mary University of London)</b>
4	Selective Deep Convolutional Features for Image Retrieval <b>Tuan Hoang Nguyen Anh (Singapore University of Technology and Design); Thanh-Toan Do (The University of Adelaide); Dang-Khoa Le Tan (Singapore University of Technology and Design); Ngai-Man Cheung (Singapore University of Technology and Design)</b>
4	Statistical Inference of Gaussian-Laplace Distribution for Person Verification <b>Zheng Wang (Wuhan University); Ruimin Hu (Wuhan University); Yi Yu (National Institute of Informatics); Junjun Jiang (National Institute of Informatics); Jiayi Ma (Wuhan University); Shin'Ichi Satoh (National Institute of Informatics)</b>
4	Beyond Human-level License Plate Super-resolution with Progressive Vehicle Search and Domain Priori GAN <b>Wu Liu (Beijing University of Posts and Telecommunications); Xincheng Liu (Beijing University of Posts and Telecommunications); Huadong Ma (Beijing University of Posts and Telecommunications); Peng Cheng (Beijing University of Posts and Telecommunications)</b>
6	Learning to Generate and Edit Hairstyles <b>Weidong Yin (fudan university); Yanwei Fu (Fudan university); Yiqing Ma (Fudan University); Yugang Jiang (Fudan University); Tao Xiang (Queen Mary University of London); Xiangyang Xue (Fudan University)</b>
6	Adaptively Weighted Multi-task Deep Network for Person Attribute Classification <b>Keke He (Fudan University); Zhanxiong Wang (Fudan University); Yanwei Fu (The school of Data Science, Fudan University); Yu-Gang Jiang (Fudan University); Rui Feng (fudan university); Xiangyang Xue (Fudan University ,China)</b>
6	Video Question Answering via Gradually Refined Attention over Appearance and Motion <b>Dejing Xu (ZheJiang University); Zhou Zhao (ZheJiang University); Jun Xiao (ZheJiang University); Fei Wu (ZheJiang University); Hanwang Zhang (Electrical Engineering, Columbia University); Xiangnan He (School of Computing, National University of Singapore); Yueting Zhuang (ZheJiang University)</b>
8	Cross-Domain Image Retrieval with Attention Modeling <b>Xin Ji (National University of Singapore); Wei Wang (National University of Singapore); Meihui Zhang (Singapore University of Technology and Design); Yang Yang (University of Electronic Science and Technology of China)</b>
8	Modeling the Resource Requirements of Convolutional Neural Networks on Mobile Devices <b>Zongqing Lu (Pennsylvania State University); Swati Rallapalli (IBM Research); Kevin Chan (US Army Research Laboratory); Thomas La Porta (Pennsylvania State University)</b>
8	Adaptive Audio Classification for Smartphone in Noisy Car Environment <b>Myounggyu Won (South Dakota State University); Haitham Alsaadan (South Dakota State University); Yongsoon Eun (Daegu Gyeongbuk Institute of Science and Technology)</b>
10	A Novel System for Visual Navigation of Educational Videos Using Multimodal Cues <b>Baoquan Zhao (Sun Yat-sen University); Xiaonan Luo (Guilin University Of Electronic Technology);</b>



	<b>Shujin Lin (Sun Yat-sen University); Songhua Xu (New Jersey Institute of Technology); Ruomei Wang (Sun Yat-sen University)</b>
10	Adaptive 360-Degree Video Streaming using Scalable Video Coding <b>Afshin Taghavi Nasrabadi (The University of Texas at Dallas); Anahita Mahzari (The University of Texas at Dallas); Joseph D. Beshay (The University of Texas at Dallas); Ravi Prakash (The University of Texas at Dallas)</b>
10	Cross-media Retrieval by Learning Rich Semantic Embeddings of Multimedia <b>Mengdi Fan (Peking University); Wenmin Wang (School of Electronic and Computer Engineering, Peking University); Peilei Dong (School of Electronic and Computer Engineering, Peking University); Liang Han (Peking University); Ronggang Wang (Shenzhen Graduate School, Peking University); Ge Li (Peking University Shenzhen Graduate School)</b>
12	Deep Supervised Quantization by Self-Organizing Map <b>Min Wang (University of Science and Technology of China); Wengang Zhou (University of Science and Technology of China); Qi Tian (University of Texas at San Antonio); Junfu Pu (University of Science and Technology of China); Houqiang Li (University of Science and Technology of China)</b>
12	Laplacian-Steered Neural Style Transfer <b>Shaohua Li (National University of Singapore); Xinxing Xu (Institute of High Performance Computing); Liqiang Nie (Shandong University); Tat-Seng Chua (National University of Singapore)</b>
12	PQk-means: Billion-scale Clustering for Product-quantized Codes <b>Yusuke Matsui (National Institute of Informatics); Keisuke Ogaki (Dwang Co., Ltd.); Toshihiko Yamasaki (The University of Tokyo); Kiyoharu Aizawa (The University of Tokyo)</b>
14	Outlining Objects for Interactive Segmentation on Touch Devices <b>Matthieu Pizenberg (University of Toulouse); Axel Carlier (University of Toulouse); Emmanuel Faure (CNRS - IRIT); Vincent Charvillat (University of Toulouse)</b>
14	Temporally Selective Attention Model for Social and Affective State Recognition in Multimedia Content <b>Hongliang Yu (Carnegie Mellon University); Liangke Gui (Carnegie Mellon University); Michael Madaio (Carnegie Mellon University); Amy Ogan (Carnegie Mellon University); Justine Cassell (Carnegie Mellon University); Louis-Philippe Morency (Carnegie Mellon University)</b>
14	Quality-of-Experience of Adaptive Video Streaming: Exploring the Space of Adaptations <b>Zhengfang Duanmu (University of Waterloo); Kede Ma (University of Waterloo); Zhou Wang (University of Waterloo)</b>