

Program	New York Time (UTC -4)	Beijing Time (UTC +8)	Seattle Time (UTC -7)	UTC	Paper ID	Paper Title
QA Tutorial 1 - Multimedia Intelligence: When Multimedia Meets Artificial	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00	mmtt2537	Multimedia Intelligence: When Multimedia Meets Artificial Intelligence
QA Tutorial 1 - Mirrored	19:00-20:00	7:00-8:00 +1 Day	16:00-17:00	23:00-24:00	mmtt2537	Multimedia Intelligence: When Multimedia Meets Artificial Intelligence
QA Tutorial 2 - Deep Learning for Privacy in Multimedia	3:00-7:00	15:00-19:00	00:00-4:00	7:00-11:00	mmtt2584	Deep Bayesian Multimedia Learning
QA Tutorial 2 - Mirrored	NA - Just one single live session	NA - Just one single live session	NA - Just one single live session	NA - Just one single live session		
QA Tutorial 3 - Reproducibility and Experimental Design for Machine Learning on Audio and Multimedia Data	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00	mmtt2545	Reproducibility and Experimental Design for Machine Learning on Audio and Multimedia Data
QA Tutorial 3 - Mirrored	19:00-20:00	7:00-8:00 +1 Day	16:00-17:00	23:00-24:00	mmtt2545	Reproducibility and Experimental Design for Machine Learning on Audio and Multimedia Data
QA Tutorial 4 - Food Computing for Multimedia	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00	mmtt1276	Food Computing for Multimedia
QA Tutorial 4 - Mirrored	19:00-20:00	7:00-8:00 +1 Day	16:00-17:00	23:00-24:00	mmtt1276	Food Computing for Multimedia
Workshop 1: 2nd workshop on Structuring and Understanding of Multimedia Heritage Contents						
Workshop 2: 1st International Workshop on Human-centric Multimedia Analysis						
Workshop 3: 20th Workshop on Multimedia and Technical Quality Assessment of Multimedia						
Workshop 4: 2nd International Workshop on AI for Smart TV Content Production, Access and Delivery						
Arranged by Workshop Organizers				Published by Workshop Chairs		
Program	New York Time (UTC -4)	Beijing Time (UTC +8)	Seattle Time (UTC -7)	UTC		
Conference Opening	8:30-9:00	20:30-21:00	5:30-6:00	12:30-13:00		
Keynote 1 by Shuicheng Yan: Neural Network Design for Multimedia: Bio-Inspired	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00		NA
Best Paper Session	10:00-11:30	22:00-23:30	7:00-8:30	14:00-15:30		
Panel I: Coping with Pandemics: Opportunities and Challenges for AI	11:30-12:30	23:30-00:30	8:30-9:30	15:30-16:30		
Invited Industrial Talk by Dr. Dong Yu: Building Digital Human	12:30-13:00	00:30-01:00+1Day	9:30-10:30	16:30-17:00		
QA Demo 1	14:00-15:00	02:00-03:00 +1 Day	11:00-12:00	18:00-19:00	mmdev0763	SmartShots: Enabling Automatic Generation of Videos with Data Visualizations Embedded
					mmdev1257	Text-to-Image Synthesis via Aesthetic Layout
					mmdev1810	Progressive Domain Adaptation for Robot Vision Person Re-identification
					mmdev2065	Semantic Storytelling Automation: A Context-Aware and Metadata-Driven Approach
					mmdev2496	ADHD Intelligent Auxiliary Diagnosis System Based on Multimodal Information Fusion
					mmdev2540	Video 360 Content Navigation for Mobile HMD Devices
					mmdev2541	GoldenRetriever: A Speech Recognition System Powered by Modern Information Retrieval
					mmdev2543	Integrating Event Camera Sensor Emulator
					mmdev2547	Scene-segmented Video Information Annotation System V2.0
QA Demo 1 - Mirrored	0:00-01:00 +1 Day	12:00-13:00 +1Day	21:00-22:00	04:00-5:00	mmdev0763	SmartShots: Enabling Automatic Generation of Videos with Data Visualizations Embedded
					mmdev1257	Text-to-Image Synthesis via Aesthetic Layout
					mmdev1810	Progressive Domain Adaptation for Robot Vision Person Re-identification
					mmdev2065	Semantic Storytelling Automation: A Context-Aware and Metadata-Driven Approach
					mmdev2496	ADHD Intelligent Auxiliary Diagnosis System Based on Multimodal Information Fusion
					mmdev2540	Video 360 Content Navigation for Mobile HMD Devices
					mmdev2541	GoldenRetriever: A Speech Recognition System Powered by Modern Information Retrieval
					mmdev2543	Integrating Event Camera Sensor Emulator
					mmdev2547	Scene-segmented Video Information Annotation System V2.0
QA Grand Challenge 1	15:00-16:00	03:00-04:00 +1 Day	12:00-13:00	19:00-20:00	Details please check the table for grand challenges.	
QA Grand Challenge 1 - Mirrored	01:00-02:00 +1Day	13:00-14:00 +1Day	22:00-23:00	05:00-06:00		
QA Repro	16:00-17:00	04:00-05:00 +1 Day	13:00-14:00	20:00-21:00	mmrepro01	Instance of Interest Detection
					mmrepro02	Outfit Compatibility Prediction and Diagnosis with Multi-Layered Comparison Network
					mmrepro03	Visual Sentiment Analysis for Review Images with Team-Oriented and User-Oriented CNN
					mmrepro04	Selective Deep Convolutional Features for Image Retrieval
QA Repro - Mirrored	02:00-03:00 +1 Day	14:00-15:00 +1 Day	23:00-24:00	06:00-07:00	mmrepro01	Instance of Interest Detection
					mmrepro02	Outfit Compatibility Prediction and Diagnosis with Multi-Layered Comparison Network
					mmrepro03	Visual Sentiment Analysis for Review Images with Team-Oriented and User-Oriented CNN
					mmrepro04	Selective Deep Convolutional Features for Image Retrieval
QA Poster / oral A1	14:00-15:00	02:00-03:00 +1 Day	11:00-12:00	18:00-19:00	Details please check the table for regular papers	
QA Poster / oral B1	15:00-16:00	03:00-04:00 +1 Day	12:00-13:00	19:00-20:00		
QA Poster / oral C1	16:00-17:00	04:00-05:00 +1 Day	13:00-14:00	20:00-21:00		
QA Poster / oral D1	17:00-18:00	05:00-06:00 +1 Day	14:00-15:00	21:00-22:00		
QA Poster / oral E1	18:00-19:00	06:00-07:00 +1 Day	15:00-16:00	22:00-23:00		
QA Poster / oral F1	19:00-20:00	07:00-08:00 +1 Day	16:00-17:00	23:00-24:00		
QA Poster / oral G1	20:00-21:00	08:00-09:00 +1 Day	17:00-18:00	0:00-01:00 +1 Day		
QA Poster / oral H1	21:00-22:00	09:00-10:00 +1 Day	18:00-19:00	01:00-02:00 +1 Day		
QA Poster / oral A1 - Mirrored	0:00-1:00 +1 Day	12:00-13:00 +1 Day	21:00-22:00	04:00-5:00 +1 Day		
QA Poster / oral B1 - Mirrored	01:00-02:00 +1 Day	13:00-14:00 +1 Day	22:00-23:00	05:00-06:00 +1 Day		
QA Poster / oral C1 - Mirrored	02:00-03:00 +1 Day	14:00-15:00 +1 Day	23:00-24:00	06:00-07:00 +1 Day		
QA Poster / oral D1 - Mirrored	03:00-04:00 +1 Day	15:00-16:00 +1 Day	0:00-01:00 +1 Day	07:00-08:00 +1 Day		
QA Poster / oral E1 - Mirrored	04:00-05:00 +1 Day	16:00-17:00 +1 Day	01:00-02:00 +1 Day	08:00-09:00 +1 Day		
QA Poster / oral F1 - Mirrored	05:00-06:00 +1 Day	17:00-18:00 +1 Day	02:00-03:00 +1 Day	09:00-10:00 +1 Day		
QA Poster / oral G1 - Mirrored	06:00-07:00 +1 Day	18:00-19:00 +1 Day	03:00-04:00 +1 Day	10:00-11:00 +1 Day		
QA Poster / oral H1 - Mirrored	07:00-08:00 +1 Day	19:00-20:00 +1 Day	04:00-05:00 +1 Day	11:00-12:00 +1 Day		
Program	New York Time (UTC -4)	Beijing Time (UTC +8)	Seattle Time (UTC -7)	UTC		
Main Conference Keynote/ Achievement Award	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00		
Rising Star Talk	10:00-10:30	22:00-22:30	7:00-7:30	14:00-14:30		NA
Panel II: The world is Changing - The World needs to Change: How multimedia	10:30-11:30	22:30-23:30	7:30-8:30	14:30-15:30		
SIGMM Business Meeting	11:30-12:30	23:30-00:30 +1 Day	8:30-9:30	15:30-16:30		
Doctoral Symposium	10:00-12:00	22:00-24:00			mmds2542	Low-level Optimizations for Faster Mobile Deep Learning Inference Frameworks
					mmds2544	Deep Neural Networks for Predicting Affective Responses from Movies
					mmds2560	Learning Self-Supervised Multimodal Representations of Human Behaviour
					mmds2570	Multi-person Pose Estimation in Complex Physical Interactions
QA Demo 2	14:00-15:00	02:00-03:00 +1 Day	11:00-12:00	18:00-19:00	mmdev2548	A Smart-Site-Survey System using Image-based 3D Metric Reconstruction and Interactive Panorama Visualization
					mmdev2549	AI-SAS: Automated In-match Soccer Analysis System
					mmdev2550	Detecting Urban Issues With the Object Detection Kit
					mmdev2553	Visual-speech Synthesis of Exaggerated Corrective Feedback
					mmdev2555	TinDART: A Personal Visual Arts Recommender
					mmdev2557	Fashionist: Personalizing Outfit Recommendation for Cold-Start Scenarios
					mmdev2562	EmotionTracker: A Mobile Real-time Facial Expression Tracking System with the Assistant of Public AI-as-a-Service
					mmdev2565	AvatarMeeting: An Augmented Reality Remote Interaction System With Personalized Avatars
					mmdev2566	An Interactive Design for Visualizable Person Re-Identification
					mmdev2548	A Smart-Site-Survey System using Image-based 3D Metric Reconstruction and Interactive Panorama Visualization
					mmdev2549	AI-SAS: Automated In-match Soccer Analysis System
					mmdev2550	Detecting Urban Issues With the Object Detection Kit
					mmdev2553	Visual-speech Synthesis of Exaggerated Corrective Feedback
					mmdev2555	TinDART: A Personal Visual Arts Recommender
					mmdev2557	Fashionist: Personalizing Outfit Recommendation for Cold-Start Scenarios
					mmdev2562	EmotionTracker: A Mobile Real-time Facial Expression Tracking System with the Assistant of Public AI-as-a-Service
QA Demo 2 - Mirrored	0:00-01:00 +1 Day	12:00-13:00 +1 Day	21:00-22:00	04:00-5:00 +1 Day		

20201014						rmnde2565	AvatarMeeting: An Augmented Reality Remote Interaction System With Personalized Avatars				
						rmnde2566	An Interactive Design for Visualizable Person Re-identification				
	QA Grand Challenge 2	15:00-16:00	03:00-04:00 +1 Day	12:00-13:00	19:00-20:00	Please End it in the grand challenge sheet					
	QA Grand Challenge 2 - Mirrored	01:00-02:00 +1Day	13:00 -14:00+1 Day	22:00-23:00	05:00-06:00+1 Day						
	QA Brave New Idea	16:00-17:00	04:00-05:00 +1 Day	13:00-14:00	20:00-21:00	rmmbn2462	Image Sentiment Transfer				
						rmmbn2529	Personal Food Model				
						rmmbn2534	Helping Users Tackle Algorithmic Threats on Social Media: A Multimedia Research Agenda				
	QA Brave New Idea-Mirrored	02:00-03:00 +1 Day	14:00-15:00+1 Day	23:00-24:00	06:00-07:00+1 Day	rmmbn2462	Image Sentiment Transfer				
						rmmbn2529	Personal Food Model				
						rmmbn2534	Helping Users Tackle Algorithmic Threats on Social Media: A Multimedia Research Agenda				
	QA Poster / oral A2	14:00-15:00	02:00-03:00 +1 Day	11:00-12:00	18:00-19:00	Details please check the table for regular papers					
	QA Poster / oral B2	15:00-16:00	03:00-04:00 +1 Day	12:00-13:00	19:00-20:00						
	QA Poster / oral C2	16:00-17:00	04:00-05:00 +1 Day	13:00-14:00	20:00-21:00						
	QA Poster / oral D2	17:00-18:00	05:00-06:00 +1 Day	14:00-15:00	21:00-22:00						
	QA Poster / oral E2	18:00-19:00	06:00-07:00 +1 Day	15:00-16:00	22:00-23:00						
	QA Poster / oral F2	19:00-20:00	07:00-08:00 +1 Day	16:00-17:00	23:00-24:00						
	QA Poster / oral G2	20:00-21:00	08:00-09:00 +1 Day	17:00-18:00	24:00-01:00 +1 Day						
	QA Poster / oral H2	21:00-22:00	09:00-10:00 +1 Day	18:00-19:00	01:00-02:00+1 Day						
	QA Poster / oral A2 - Mirrored	00:00-1:00 +1 Day	12:00-13:00 +1 Day	21:00-22:00	04:00-5:00 +1 Day						
	QA Poster / oral B2 - Mirrored	01:00-02:00+1 Day	13:00 -14:00+1 Day	22:00-23:00	05:00-06:00+1 Day						
	QA Poster / oral C2 - Mirrored	02:00-03:00+1 Day	14:00-15:00+1 Day	23:00-24:00	06:00-07:00+1 Day						
	QA Poster / oral D2 - Mirrored	03:00-04:00+1 Day	15:00-16:00+1 Day	24:00-01:00 +1Day	07:00-08:00+1 Day						
	QA Poster / oral E2 - Mirrored	04:00-05:00+1 Day	16:00-17:00+1 Day	01:00-02:00+1 Day	08:00-09:00+1 Day						
	QA Poster / oral F2 - Mirrored	05:00-06:00+1 Day	17:00-18:00+1 Day	02:00-03:00+1 Day	09:00-10:00+1 Day						
	QA Poster / oral G2 - Mirrored	06:00-07:00+1 Day	18:00-19:00+1 Day	03:00-04:00+1 Day	10:00-11:00+1 Day						
	QA Poster / oral H2 - Mirrored	07:00-08:00+1 Day	19:00-20:00+1 Day	04:00-05:00+1 Day	11:00-12:00+1 Day						
	Program	New York Time (UTC-4)	Beijing Time (UTC +8)	Seattle Time (UTC -7)	UTC						
	Main Conference Keynote III by Hara Haruhiko: 360° Video Navigation for	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00				NA		
	Award Ceremony	10:00-11:00	22:00-23:00	7:00-8:00	14:00-15:00						
	Industrial Invited Talk by Hamar Friedman: Cloud Drive App - Closing the	11:00-11:30	23:00-23:30	8:00-8:30	15:00-15:30						
	Closing Ceremony	11:30-12:00	23:30-24:00	8:30-9:00	15:30-16:00						
	10-21 Handover Meeting	12:00-13:00	24:00-1:00+1Day	9:00-10:00	16:00-17:00						
	QA Demo 3	14:00-15:00	02:00-03:00 +1 Day	11:00-12:00	18:00-19:00	rmnde2567	Image and video restoration and compression artefact removal using a NoGAN approach				
						rmnde2568	Beauty As You Like				
						rmnde2569	iDirector: An Intelligent Directing System for Live Broadcast				
						rmnde2575	Multimedia Food Logger				
						rmnde2576	A Cross-modality and Progressive Person Search System				
						rmnde2577	Bimocular Multi-CNN System for Real-Time 3D Pose Estimation				
						rmnde2578	An Interaction-based Video Viewing Support System using Geographical Relationships				
						rmnde2580	Infinity Battle: A Glance at How Blockchain Techniques Serve in a Serverless Gaming System				
						rmnde2581	ConFlow: A tool to encourage new diverse collaborations				
	QA Demo 3 - Mirrored	0:00-01:00 +1 Day	12:00-13:00 +1 Day	21:00-22:00	04:00-05:00 +1 Day	rmnde2567	Image and video restoration and compression artefact removal using a NoGAN approach				
						rmnde2568	Beauty As You Like				
						rmnde2569	iDirector: An Intelligent Directing System for Live Broadcast				
						rmnde2575	Multimedia Food Logger				
						rmnde2576	A Cross-modality and Progressive Person Search System				
						rmnde2577	Bimocular Multi-CNN System for Real-Time 3D Pose Estimation				
						rmnde2578	An Interaction-based Video Viewing Support System using Geographical Relationships				
						rmnde2580	Infinity Battle: A Glance at How Blockchain Techniques Serve in a Serverless Gaming System				
						rmnde2581	ConFlow: A tool to encourage new diverse collaborations				
	QA Grand Challenge 3	15:00-16:00	03:00-04:00 +1 Day	12:00-13:00	19:00-20:00	Details please check the table for grand challenges					
	QA Grand Challenge 3 - Mirrored	01:00-02:00 +1Day	13:00-14:00 +1 Day	22:00-23:00	05:00-06:00+1 Day						
20201015	QA Open source software	16:00-17:00	04:00-05:00 +1 Day	13:00-14:00	20:00-21:00	rmms2152	MLModelIC: An Automatic Cloud Platform for Efficient MLaaS				
						rmms2183	Hysis: Serving DNN-Based Video-to-Retail Applications in Cloud				
						rmms2481	PyRetri: A PyTorch-based Library for Unsupervised Image Retrieval by Deep Convolutional Neural Networks				
						rmms2516	Cottontail DB: An Open Source Database System for Multimedia Retrieval and Analysis				
						rmms2517	BMXNet 2: Understanding, Reproducing, Designing and Showcasing of Low-bit Networks				
						rmms2527	PyAnomaly: A Pytorch-based Toolkit for Video Anomaly Detection				
						rmms2533	TAPAS-360°: a Tool for the Design and Experimental Evaluation of 360° Video Streaming Systems				
						rmms2536	SOMHunter: lightweight video search system with SOM-guided relevance feedback				
		QA Open source software - Mirrored	02:00-03:00 +1 Day	14:00-15:00 +1 Day	23:00-24:00	06:00-07:00+1 Day	rmms2152	MLModelIC: An Automatic Cloud Platform for Efficient MLaaS			
							rmms2183	Hysis: Serving DNN-Based Video-to-Retail Applications in Cloud			
							rmms2481	PyRetri: A PyTorch-based Library for Unsupervised Image Retrieval by Deep Convolutional Neural Networks			
							rmms2516	Cottontail DB: An Open Source Database System for Multimedia Retrieval and Analysis			
							rmms2517	BMXNet 2: Understanding, Reproducing, Designing and Showcasing of Low-bit Networks			
							rmms2527	PyAnomaly: A Pytorch-based Toolkit for Video Anomaly Detection			
							rmms2533	TAPAS-360°: a Tool for the Design and Experimental Evaluation of 360° Video Streaming Systems			
							rmms2536	SOMHunter: lightweight video search system with SOM-guided relevance feedback			
		QA Poster / oral A3	14:00-15:00	02:00-03:00 +1 Day	11:00-12:00	18:00-19:00	Please find it in the paper sheet				
		QA Poster / oral B3	15:00-16:00	03:00-04:00 +1 Day	12:00-13:00	19:00-20:00					
		QA Poster / oral C3	16:00-17:00	04:00-05:00 +1 Day	13:00-14:00	20:00-21:00					
		QA Poster / oral D3	17:00-18:00	05:00-06:00 +1 Day	14:00-15:00	21:00-22:00					
	QA Poster / oral E3	18:00-19:00	06:00-07:00 +1 Day	15:00-16:00	22:00-23:00						
	QA Poster / oral F3	19:00-20:00	07:00-08:00 +1 Day	16:00-17:00	23:00-24:00						
	QA Poster / oral G3	20:00-21:00	08:00-09:00 +1 Day	17:00-18:00	24:00-01:00 +1 Day						
	QA Poster / oral H3	21:00-22:00	09:00-10:00 +1 Day	18:00-19:00	01:00-02:00+1 Day						
	QA Poster / oral A3 - Mirrored	00:00-1:00 +1 Day	12:00-13:00 +1 Day	21:00-22:00	04:00-05:00 +1 Day						
	QA Poster / oral B3 - Mirrored	01:00-02:00+1 Day	13:00-14:00 +1 Day	22:00-23:00	05:00-06:00+1 Day						
	QA Poster / oral C3 - Mirrored	02:00-03:00+1 Day	14:00-15:00 +1 Day	23:00-24:00	06:00-07:00+1 Day						
	QA Poster / oral D3 - Mirrored	03:00-04:00+1 Day	15:00-16:00 +1 Day	00:00-01:00 +1Day	07:00-08:00+1 Day						
	QA Poster / oral E3 - Mirrored	04:00-05:00+1 Day	16:00-17:00 +1 Day	01:00-02:00+1 Day	08:00-09:00+1 Day						
	QA Poster / oral F3 - Mirrored	05:00-06:00+1 Day	17:00-18:00 +1 Day	02:00-03:00+1 Day	09:00-10:00+1 Day						
	QA Poster / oral G3 - Mirrored	06:00-07:00+1 Day	18:00-19:00 +1 Day	03:00-04:00+1 Day	10:00-11:00+1 Day						
	QA Poster / oral H3 - Mirrored	07:00-08:00+1 Day	19:00-20:00 +1 Day	04:00-05:00+1 Day	11:00-12:00+1 Day						
	Program	New York Time (UTC-4)	Beijing Time (UTC +8)	Seattle Time (UTC -7)	UTC						
	QA Tutorial 5 : Active Learning for Multimedia Computing: Survey, Recent Trends and Applications	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00	rmmt2551				Active Learning for Multimedia Computing: Survey, Recent Trends and Applications	
	QA Tutorial 5 - Mirrored	19:00-20:00	7:00-8:00 +1 Day	16:00-17:00	23:00-24:00	rmmt2551				Active Learning for Multimedia Computing: Survey, Recent Trends and Applications	
	QA Tutorial 6 : Immersive Imaging Technologies: From Capture to Display	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00	rmmt2582				Immersive Imaging Technologies: From Capture to Display	
	QA Tutorial 6 - Mirrored	19:00-20:00	7:00-8:00 +1 Day	16:00-17:00	23:00-24:00	rmmt2582	Immersive Imaging Technologies: From Capture to Display				
	QA Tutorial 7 : Effective and Efficient: Toward Open-world Instance Re-	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00	rmmt1317	Effective and Efficient: Toward Open-world Instance Re-identification				

2020.10.16	QA Tutorial 7 - Mirrored	19:00-20:00	7:00-8:00 +1 Day	16:00-17:00	23:00-24:00	mmtt1317	Effective and Efficient: Toward Open-world Instance Re-identification	
	QA Tutorial 8 - Deep Bayesian Multimedia Learning	9:00-10:00	21:00-22:00	6:00-7:00	13:00-14:00	mmtt1277	Deep Bayesian Multimedia Learning	
	QA Tutorial 8 - Mirrored	19:00-20:00	7:00-8:00 +1 Day	16:00-17:00	23:00-24:00	mmtt1277	Deep Bayesian Multimedia Learning	
	Workshop 5.1st Workshop on Quality of Experience (QoE) in Visual Multimedia Workshop 6. 1st International Multimodal Sentiment Analysis in Real-life Media Workshop 7.1st International Workshop on Workshop on Multimodal Workshop 8.3rd International Workshop on Multimedia Content Analysis in Workshop 9. 2nd International Workshop on Fairness, Accountability, Transparency	Arranged by Workshop Organizers				Published by Workshop Chairs		
All Day	Interactive Art Exhibition		all day	all day	all day	mmia1256	Portraits of No One: An Internet Artwork	
						mmia1321	MaLiang: An Emotion-driven Chinese Calligraphy Artwork Composition System	
						mmia1341	First Impression: AI Understands Personality	
						mmia1346	Draw Portraits by Music: A Music-based Image Style Transformation	
						mmia2563	Little World: Virtual Humans Accompany Children on Dramatic Performance	
						mmia2571	Keep Running - AI Paintings of Horse Figure and Portrait	
						mmia2579	AI Mirror: Visualize AI's Self-knowledge	

# Main Conference Regular Papers - Oral

Main Conference Oral Papers							
Session	Date	NY Time	Mirrored Session Date	Mirrored NY Time	Paper ID	Paper Title	Author Names
A1	2020.10.13	14:00-15:00	2020.10.14	0:00-01:00	mmfp0053	Image inpainting based on Multi-frequency Probabilistic Inference Model	Wang, Jin*; Wang, Chen; Huang, Qingming; Shi, Yunhui; Cai, Jian-Feng; Zhu, Qing; Yin, Baocai
					mmfp0063	Dual Adversarial Network for Unsupervised Ground/Satellite-to-Aerial Scene Adaptation	lin, jianzhe peter*; Mou, Lichao; yu, tianze; Zhu, Xiaoxiang; Wang, Z. Jane
					mmfp0075	Adversarial Bipartite Graph Learning for Video Domain Adaptation	Luo, Yadan*; Huang, Zi; Wang, Zijian; Zhang, Zheng; Bakhtashmotlagh, Mahsa
					mmfp0118	Give Me Something to Eat: Referring Expression Comprehension with Commonsense Knowledge	Wang, Peng; Liu, Dongyang; Li, Hui*; Wu, Qi
					mmfp0162	Single Image De-noising via Staged Memory Network	Yu, Weijiang*; Liang, Jian; Li, Lu; Xiao, Nong
B1	2020.10.13	15:00-16:00	2020.10.14	01:00-02:00	mmfp0291	Dynamic GCN: Context-enriched Topology Learning for Skeleton-based Action Recognition	Ye, Fanfan; Pu, Shiliang; Zhong, Qiaoyong*; Li, Chao; Xie, Di; Tang, Huiming
					mmfp0306	Meta Parsing Networks: Towards Generalized Few-shot Scene Parsing with Adaptive Metric Learning	Li, Peike*; Wei, Yunchao; Yang, Yi
					mmfp0312	CODAN: Counting-driven Attention Network for Vehicle Detection in Congested Scenes	Li, Wei; Wang, Zhenjing; Wu, Xiao*; Zhang, Ji; Peng, Qiang; Li, Hongliang
					mmfp0358	Learning Image Classifier from Only Web Labels and Metadata: Automatic Label Correction through Graph	Yang, Jingkang*; Chen, Weirong; Feng, Litong; Yan, Xiaopeng; Zheng, Huabin; Zhang, Wayne
					mmfp0484	CRSSC: Salvage Reusable Samples from Noisy Data for Robust Learning	Sun, Zeren; Hua, Xian-Sheng; Yao, Yazhou*; Wei, Xiu-Shen; Hu, Guosheng; Zhang, Jian
C1	2020.10.13	16:00-17:00	2020.10.14	02:00-03:00	mmfp0541	Learning From Music to Visual Storytelling of Shots: A Deep Interactive Learning Mechanism	Lin, Jen-Chun*; Wei, Wen-Li; Lin, Yen-Yu; Liu, Tyng-Luh; Liao, Hong-Yuan Mark
					mmfp0701	TextRay: Contour-based Geometric Modeling for Arbitrary-shaped Scene Text Detection	Wang, Fangfang*; Chen, Yifeng; Wu, Fei; Li, Xi
					mmfp0710	Weakly Supervised Real-time Image Cropping based on Aesthetic Distributions	Lu, Peng*; Liu, Jiahui; Peng, Xujun; Wang, Xiaojie
					mmfp0732	Towards Unsupervised Crowd Counting via Regression-Detection Bi-knowledge Transfer	Liu, Yulong*; Wang, Zheng; Shi, Maojing; Satoh, Shin'ichi; Zhao, Qijun; yang, hongyu
					mmfp0737	Occluded Prohibited Items Detection: An X-ray Security Inspection Benchmark and De-occlusion Attention Module	Wei, Yanlu; Tao, Renshuai*; Wu, Zhangjie; Ma, Yuqing; Zhang, Libo; Liu, Xianglong
D1	2020.10.13	17:00-18:00	2020.10.14	03:00-04:00	mmfp0816	Temporally Guided Music-to-Body-Movement Generation	Kao, Hsuan-Kai; Su, Li*
					mmfp0818	Compositional Few-Shot Recognition with Primitive Discovery and Enhancing	Zou, Yixiong*; Zhang, Shanghang; Chen, Ke; Moura, José M. F.; Wang, Yaowei; Tian, Yonghong
					mmfp0830	InteractGAN: Learning to Generate Human-Object Interaction	Gao, Chen*; Liu, Si; Zhu, Defa; Liu, Quan; Cao, Jie; He, Haoqian; He, Ran; Yan, Shuicheng
					mmfp0921	Category-specific Semantic Coherency Learning for Fine-grained Image Recognition	Wang, Shijie; wang, zhihui; Li, Haojie*; Ouyang, Wanli
					mmfp0988	Scene-Aware Context Reasoning for Unsupervised Anomaly Event Detection in Videos	Sun, Che; Jia, Yunde; Hu, Yao; WU, Yuwei*
E1	2020.10.13	18:00-19:00	2020.10.14	04:00-05:00	mmfp1075	Light Field Super-resolution via Attention-Guided Fusion of Hybrid Lenses	Jin, Jing; Hou, Junhui*; Chen, Jie; Kwong, Sam; Yu, Jingyi
					mmfp1196	Trajectory Prediction in Heterogeneous Environment via Attended Ecology Embedding	Lai, Wei-Cheng; Xia, Zi-Xiang; Lin, Hao-Siang; Hsu, Lien-Feng; Shuai, Hong-Har; Jhuo, I-Hong;
					mmfp1367	Text-Embedded Bilinear Model for Fine-Grained Visual Recognition	Cheng, Wen-Huang*
					mmfp1384	Learning Scales from Points: A Scale-aware Probabilistic Model for Crowd Counting	Sun, Liang; Guan, Xiang; Yang, Yang*; Zhang, Lei
					mmfp1394	Learning Global Structure Consistency for Robust Object Tracking	Ma, Zhiheng*; Wei, Xing; Hong, Xiaopeng; Gong, Yihong
F1	2020.10.13	19:00-20:00	2020.10.14	05:00-06:00	mmfp1456	Campus3D: A Photogrammetry Point Cloud Benchmark for Outdoor Scene Hierarchical Understanding	Li, Bi; Zhang, Chengquan; Hong, Zhibin; Tang, Xu; li, jingtu; Sun, Hans; Junyu; Ding, Errui; Liu, Wenyu*
					mmfp1549	Instability of Successive Deep Image Compression	Li, Xinke; Li, Chongshou*; Tong, Zekun; Lim, Andrew; Yuan, Junsong; Wu, Yuwei; Tang, Jing; Huang, Raymond
					mmfp1576	ALANET: Adaptive Latent Attention Network for Joint Video Deblurring and Interpolation	Kim, Jun-Hyuk; Jang, Soobeom; Choi, Jun-Ho; Lee, Jong-Seok*
					mmfp1729	PCPL: Predicate-Correlation Perception Learning for Unbiased Scene Graph Generation	Gupta, Akash*; Aich, Abhishek; Roy-Chowdhury, Amit K.
					mmfp1775	Discriminative Spatial Feature Learning for Person Re-Identification	Yan, Shaotian*; Shen, Chen; Jin, Zhongming; Huang, Jianqiang; Jiang, Rongxin; Chen, Yaowu; Hua, Xian-Sheng
G1	2020.10.13	20:00-21:00	2020.10.14	06:00-07:00	mmfp1800	AdaHGNN: Adaptive Hypergraph Neural Networks for Multi-Label Image Classification	Peng, Peixi*; Tian, Yonghong; Huang, Yangru; Wang, Xiangqian; An, Huilong
					mmfp1828	Reinforced Similarity Learning: Siamese Relation Networks for Robust Object Tracking	Wu, Xiangping; Chen, Qingcai*; Li, Wei; Xiao, Yulun; Hu, Baotian
					mmfp1859	Deep Structural Contour Detection	Zhang, Dawei*; Zheng, Zhonglong; Li, Minglu; He, Xiaowei; Wang, Tianxiang; Chen, Liyuan; Jia, Riheng; Lin, Feilong
					mmfp1893	Cross-modal Non-linear Guided Attention and Temporal Coherence in Multi-modal Deep Video Models	Deng, Ruoxi*; Liu, Shengjun
					mmfp1988	IR-GAN: Image Manipulation with Linguistic Instruction by Increment Reasoning	Sahu, Saurabh; Goyal, Palash; Ghosh, Shalini*; Lee, Chul
H1	2020.10.13	21:00-22:00	2020.10.14	07:00-08:00	mmfp2071	Fine-Grained Similarity Measurement between Educational Videos and Exercises	Liu, Zhenhuan*; li, liang*; Cai, Shaofei; Deng, Jincan; Xu, Qianqian; Wang, Shuhui; Huang, Qingming
					mmfp2073	One-shot Text Field labeling using Attention and Belief Propagation for Structure information extraction	Wang, Xin; Huang, Wei; Liu, Qi*; Yin, Yu; Huang, Zhenya; Wu, Le; Ma, Jianhui; Wang, Xue
					mmfp2081	GRAD: Learning for Overhead-aware Adaptive Video Streaming with Scalable Video Coding	Cheng, Mengli*; Qiu, Minghui
					mmfp2237	Efficient adaptation of neural network filter for video compression	Liu, Yunzhuo; Jiang, Bo*; Guo, Tian; Sitarman, Ramesh K.; Towsley, Don; Wang, Xinbing
					mmfp2257	SonoSpace: Visual Feedback of Timbre with Unsupervised Learning	Lam, Yat-Hong*; Zare, Alireza; Crisci, Francesco; Lainema, Jari; Hannuksela, Miska
A2	2020.10.14	14:00-15:00	2020.10.15	0:00-01:00	mmfp2323	Single Image Deraining via Scale-space Invariant Attention Neural Network	Kimura, Naoki*; Shiro, Keisuke; Takakura, Yota; Nakamura, Hiroshi; Rekimoto, Jun
					mmfp0221	Every Moment Matters: Detail-Aware Networks to Bring a Blurry Image Alive	Pang, Bo; Zhai, Deming; Jiang, Junjun; Liu, Xianming*
					mmfp0355	WIKI Food-500: A dataset for Large-Scale Food Recognition via Stacked Global-Local Attention Network	Zhang, Kaihao*; Luo, Wenhao; Stenger, Bjorn; Ren, Wenqi; Ma, Lix; Li, HONGDONG
					mmfp0395	An Egocentric Action Anticipation Framework via Fusing Intuition and Analysis	Min, Weiqiang*; Liu, Linhu; Wang, Zhiling; Luo, Zhendong*; Wang, Xiaoming; Wei, Xiaolin; Jiang, Shuqiang
					mmfp0601	Multi-Person Action Recognition in Microwave Sensors	Zhang, Tianyu*; Min, Weiqiang; Zhu, Ying; Rui, Yong; Jiang, Shuqiang
B2	2020.10.14	15:00-16:00	2020.10.15	01:00-02:00	mmfp0639	Coupling deep textural and shape features for sketch retrieval	Li, Diangang; Liu, Jiaquan*; Nishimura, Shoji; Hayashi, Yu; Suzuki, Jun; Gong, Yihong
					mmfp1064	Look, Read and Feel: Benchmarking Ads Understanding with Multimodal Multitask Learning	Jia, Qi; Fan, Xin*; Yu, Meiyu; Liu, Yuqing; Wang, Dingrong; Latecki, Longin Jan
					mmfp1633	Not made for each other - Audio-Visual Dissonance-based Deepfake Detection and Localization	Zhang, Huaizheng*; LUO, YONG; Ai, Qiming; Hu, Han; Wen, Yonggang
					mmfp1685	Hearing like Seeing: Improving Voice-Face Interactions and Associations via Adversarial Deep Semantic Matching Network	Chugh, Komal; Gupta, Parul; Dhali, Abhinav*; Subramanian, Ramanathan
					mmfp1874	Multimodal Multi-Task Financial Risk Forecasting	Cheng, Kai; Liu, Xin*; CHEUNG, Yiu-ming; Wang, Rui; Xu, Xing; Zhong, Bineng
D2	2020.10.14	17:00-18:00	2020.10.15	03:00-04:00	mmfp2088	Down to the Last Detail: Virtual Try-on with Fine-grained Details	Sawhney, Ramit*; Mathur, Puneet; Mangal, Ayush; Khanna, Physis; Shah, Rajiv Ratn; Zimmermann, Roger
					mmfp2158	Temporal Denoising Mask Synthesis Network for Learning Blind Video Temporal Consistency	Wang, Jiahang*; Sha, Tong; Zhang, Wei; Li, Zhoujun; Mei, Tao
					mmfp2205	A Lip Sync Expert Is All You Need for Speech to Lip Generation in the Wild	Zhou, Yifeng; Xu, Xing*; Shen, Fumin; Gao, Lianli; Lu, Huimin; Shen, Heng Tao
					mmfp0143	MEMoR: A Dataset for Multimodal Emotion Reasoning in Videos	K.R. Prjwal*; Mukhopadhyay, Rudrabha; Nambodiri, Vinay; Jawahar, C.V.
					mmfp0352	Modeling both Intra- and Inter-modal Influence for Real-Time Emotion Detection in Conversations	Shen, Guangyao*; Wang, Xin; Duan, Xuguang; Li, Hongzhi; Zhu, Wenwu
E2	2020.10.14	18:00-19:00	2020.10.15	04:00-05:00	mmfp1035	Transformer-based Label Set Generation for Multi-modal Multi-label Emotion Detection	Zhang, Dong*; Zhang, Weisheng; Li, Shoushan; Qiaoming, Zhu; Guodong, Zhou
					mmfp1595	CM-BERT: Cross-Modal BERT for Text-Audio Sentiment Analysis	Yu, xincheng*; Zhang, Dong; Li, Junhui; Guodong, Zhou
					mmfp1832	Affect: A Game for Diverse, Reliable, and Efficient Affective Image Annotation	Yang, Kaicheng; Xu, Hua*; gao, kai
					mmfp2053	Attentive One-Dimensional Heatmap Regression for Facial Landmark Detection and Tracking	zou, xingkun; Li, Jiyi; zhou, qili; li, jianjun; mao, Xiaoyang*
					mmfp0111	Domain Adaptive Person Re-Identification via Coupling Optimization	Yin, Shi; Wang, Shanglei*; Chen, Xiaoping; Chen, Enhong; Liang, Cong
C2	2020.10.14	16:00-17:00	2020.10.15	02:00-03:00	mmfp0193	Dual-Structure Disentangling Variational Generation for Data-Limited Face Parsing	Liu, Xiaobin; Zhang, Shiliang*
					mmfp0378	Accurate UAV Tracking with Distance-Injected Overlap Maximization	Li, Peipei*; Liu, Yinglu; Shi, Hailin; Wu, Xiang; Hu, Yibo; He, Ran; Sun, Zhenan
					mmfp0391	PIrHDy: Learning Pitch-, Rhythm-, and Dynamics-aware Embeddings for Symbolic Music	Zhang, Chunhui; Ge, Shiming*; Zhang, Kangkai; Zeng, Dan
					mmfp0444	Cloze Test Helps: Effective Video Anomaly Detection via Learning to Complete Video Events	Liang, Hongru; Lei, Wenqiang*; Chan, Paul Yaozhu; Wang, Zhenglu; Sun, Maosong; Chua, Tat-Seng
					mmfp0795	Pose-native Network Architecture Search for Multi-person Human Pose Estimation	Yu, Guang*; Wang, Siqi; Cai, Zhiping; Zhu, En; Xu, Chuanfu; Yin, Jianping; Kloft, Marius
D2	2020.10.14	17:00-18:00	2020.10.15	03:00-04:00	mmfp0976	Beyond the Attention: Distinguish the Discriminative and Confusable Features for Fine-grained Image Classification	Bao, Qian; Liu, Wu*; Hong, Jun; Duan, Lingyu; Mei, Tao
					mmfp0977	BlockMix: Meta Regularization and Self-Calibrated Inference for Metric-Based Meta-Learning	Shi, Xiruo; Xu, Lutong; Wang, Pengfei; Gao, Yuanyan; Jian, Hailiang; Liu, Wu*
					mmfp1011	Fine-grained Feature Alignment with Part Perspective Transformation for Vehicle ReID	Tang, Hao; Li, Zechao*; Peng, Zhimao; Tang, Jinhui
					mmfp1147	Compact Bilinear Augmented Query Structured Attention for Sport Highlights Classification	Meng, Dechao*; Li, Liang; Wang, Shuhui; Gao, Xingyu; Zha, Zheng-Jun; Huang, Qingming
					mmfp1195	Semantic Image Analogy with a Conditional Single-Image GAN	Hao, Yanbin; Zhang, Hao*; Ngo, Chong-Wah; Liu, Qiang; Hu, Xiaojun
E2	2020.10.14	18:00-19:00	2020.10.15	04:00-05:00	mmfp1214	A Structured Graph Attention Network for Vehicle Re-Identification	Li, Jiacheng; Xiong, Zhiwei*; Liu, Dong; Chen, Xuejin; Zha, Zheng-Jun
					mmfp1453	Contextual Multi-Scale Feature Learning for Person Re-Identification	Zhu, Yangchun*; Zha, Zheng-Jun; Zhang, Tianzhu; Liu, Jiawei; Luo, Jiebo
					mmfp1473	Space-Time Video Super-Resolution using Temporal Profiles	Fan, Baoyu; Wang, Li*; Zhang, Runze; Guo, Zhenhua; Zhao, Yaqian; Li, Rengang; Gong, Weifeng
					mmfp1719	Black Re-ID: A Head-shoulder Descriptor for the Challenging Problem of Person Re-Identification	Xiao, Zeyu; Xiong, Zhiwei*; Fu, Xueyang; Liu, Dong; Zha, Zheng-Jun

# Main Conference Regular Papers - Oral

					mmfp1784 mmfp1994 mmfp2342	SalGCN: Saliency Prediction for 360-Degree Images Based on Spherical Graph Convolutional Networks LIGHTEN: Learning Interactions with Graph and Hierarchical Temporal Networks for HOI in videos Concept-based Explanation for Fine-grained Images and Its Application in Infectious Keratitis Classification	Lv, Haoran*; Yang, Qin; Li, Chenglin; Dai, Wenrui; Zou, Junni; Xiong, Hongkai Sunkesula, Sai Praneeth Reddy*; Dabral, Rishabh; Ramakrishnan, Ganesh Fang, Zhongqing*; Kuang, Kur; Lin, Yuxiao; Wu, Fei; Yao, Yufeng
F2	2020.10.14	19:00-20:00	2020.10.15	05:00-06:00	mmfp0691 mmfp0783 mmfp0893 mmfp0600 mmfp0787 mmfp0202 mmfp0553	Guided Attention Network for Object Detection and Counting on Drones PIDNet: An Efficient Network for Dynamic Pedestrian Intrusion Detection VONAS: Network Design in Visual Odometry using Neural Architecture Search Learning from the Past: Meta-Continual Learning with Knowledge Embedding for Jointly Sketch, Cartoon, and Caricature Face Recognition ChoreoNet: Towards Music to Dance Synthesis with Choreographic Action Unit Invisible: Federated Learning over Non-Informative Intermediate Updates against Multimedia Privacy Leaks Asymmetric Deep Hashing for Efficient Hash Code Compression	YuanQiang, CAI; Du, Dawei; Zhang, Libo*; Wen, Longyin; Wang, Weiqiang; Wu, Yanjun; Lyu, Siwei Sun, Jingchen; Chen, Jiming; Chen, Tao; fan, jiyuan; He, Shibo* Cai, Xing; Zhang, Lanqing; Li, Chengyuan; Li, Ge; Li, Thomas H* Zheng, Wenbo; Yan, Lan; Gou, Chao*; Wang, Fei-Yue Ye, Zijie*; Wu, Haozhe; Jia, Jia; Bu, Yachua; Chen, Wei; Meng, Fanbo; Wang, Yanfeng Li, Qiusi*; Zhu, Wenwu; Wu, Chao; pan, xinglin; Yang, Fan; Zhou, Yuezhi; Zhang, Yaoxue Zhao, Shu; Wu, Dayan*; Zhang, Wanjian; Zhou, Yu; Li, Bo; Wang, Weiping
G2	2020.10.14	20:00-21:00	2020.10.15	06:00-07:00	mmfp0197 mmfp0373 mmfp0612 mmfp0765 mmfp1224 mmfp1612 mmfp1355 mmfp1717	A Human-Computer Duet System for Music Performance Photo Stand-Out: Photography with Virtual Character Norm-in-Norm Loss with Faster Convergence and Better Performance for Image Quality Assessment Context-aware Attention Network for Predicting Image Aesthetic Subjectivity Scoring High: Analysis and Prediction of Viewer Behavior and Engagement in the Context of 2018 FIFA WC Live Streaming Object-level Attention for Aesthetic Rating Distribution Prediction ARSketch: Sketch-Based User Interface for Augmented Reality Glasses RIRNet: Recurrent-In-Recurrent Network for Video Quality Assessment	Lin, Yuen-Jen*; Kao, Hsuan-Kai; Tseng, Yi-Chih; Tsai, Ming; Su, Li Wang, Yujia*; Hou, Sifan; Liang, Wei; Ning, Bing Li, Dingquan; Jiang, Tingting*; Jiang, Ming Xu, Munan; Zhong, Jia-Xing; Ren, Yuru; Liu, Shan; Li, Ge* Wehner, Nikolas*; Seufert, Michael; Egger-Lampf, Sebastian; Gardlo, Bruno; Casas, Pedro; Schatz, Raimund Hou, Jingwen*; Yang, Sheng; Lin, Weisi Zhang, Zhaohui; Zhu, Haichao*; Zhang, Qian
H2	2020.10.14	21:00-22:00	2020.10.15	07:00-08:00	mmfp1837 mmfp1852 mmfp2052 mmfp0436 mmfp0588	Cognitive Representation Learning of Self-Media Online Article Quality Describing Subjective Experiment Consistency by p-value qq-plot Increasing Video Perceptual Quality with GANs and Semantic Coding Label Embedding Online Hashing for Cross-Modal Retrieval Quaternion-Based Knowledge Graph Network for Recommendation	Wang, Yiru*; Huang, Shen; Li, Gongfu; Deng, Qiang; Liao, Dongliang; Si, Pengda; Yang, Yujie; Xu, Jin Nawala, Jakob*; Janowski, Lujan; Cmiel, Bogdan; Rusek, Krzysztof Galteri, Leonardo; Bertini, Marco*; Seidenari, Lorenzo; Uricchio, Tiberio; Del Binbo, Alberto Wang, Yongxin; Luo, Xin; Xu, Xin-Shun* Li, Zhaopeng*; Xu, Qianqian; Jiang, Yangbangyan; Cao, Xiaochun; Huang, Qingming
A3	2020.10.15	14:00-15:00	2020.10.16	0:00-01:00	mmfp0704 mmfp0794 mmfp1038 mmfp1319 mmfp1344 mmfp1399	Class-Aware Modality Mix and Center-Guided Metric Learning for Visible-Thermal Person Re-identification Adversarial Video Moment Retrieval by Jointly Modeling Ranking and Localization Beyond the Parts: Learning Multi-view Cross-part Correlation for Vehicle Re-identification Weakly-supervised Image Hashing through Masked Visual Semantic Graph Reasoning Semantic Consistency Guided Instance Feature Alignment for 2D Image-Based 3D Shape Retrieval RGB2LIDAR: Towards Solving Large-Scale Cross-Modal Visual Localization	Ling, Yongguo*; Zhong, Zhun; Luo, Zhiming; Rota, Paolo; Li, Shaozi; Sebe, Nicu Cao, Da*; Zeng, Yawen; Wei, Xiaochi; Nie, Liqiang; Hong, Richang; Qin, Zheng Liu, Xichen; Liu, Wu; Zheng, Jinkai; Yan, Chenggang; Mei, Tao Jin, Lu; Li, Zechao*; Pan, Yonghua; Tang, Jinhui Zhou, Heyu; Nie, Weizhi*; Song, Dan; Hu, Nian; Li, Xuanya; Liu, An-An Mithun, Niluthpol c*; Sikka, Karan; Chiu, Han-Pang; Samarasekera, Supun; Kumar, Rakesh
B3	2020.10.15	15:00-16:00	2020.10.16	01:00-02:00	mmfp0668 mmfp0876 mmfp1002 mmfp2246 mmfp1570 mmfp2032 mmfp2151	Performance Optimization of Federated Person Re-identification via Benchmark Analysis Traffic-Aware Multi-Camera Tracking of Vehicles Based on ReID and Camera Link Model Active Object Search An Analysis of Delay in Live 360° Video Streaming Systems DeepFacePencil: Creating Face Images from Freehand Sketches When Bistream Prior Meets Deep Prior: Compressed Video Super-resolution with Learning from Decoding Reduce the Influence of Stability in Content Delivery Network via Learning-Based Caching Algorithm	Zhuang, Weiming*; Wen, Yonggang; Zhang, Xuesen; Gan, Xin; Yin, Daiying; Zhou, Dongzhan; zhang, shuai; Yi, Shuai Hsu, Hung-Min*; Wang, Yizhou; Hwang, Jenq-Neng Wu, Jie*; Chen, Tianshui; Huang, Lishan; Wu, Hefeng; Li, Guanbin; Tian, Ling; Lin, Liang Yi, Jun*; Islam, Md Reazul; Aggarwal, Shivang; Koutsoukolas, Dimitrios; Hu, Y. Charlie; Yan, Zhisheng Li, Yuhang; Chen, Xuejin*; Yang, Binxin; Chen, Zhan; Cheng, Zhihua; Zha, Zheng-Jun Chen, Peilin*; Yang, Wenhan; Sun, Long; Wang, Shiqi Yan, Gang; Li, Jian*
C3	2020.10.15	16:00-17:00	2020.10.16	02:00-03:00	mmfp0038 mmfp0232 mmfp1418 mmfp0383 mmfp1347 mmfp1702 mmfp1950	ShapeCaptioner: Generative Caption Network for 3D Shapes by Learning a Mapping from Parts Detected in Multiple Views to Sentences Co-Attentive Lifting for Infrared-Visible Person Re-Identification Multimodal Representation with Embedded Visual Guiding Objects for Named Entity Recognition in Social Media Posts Context-Aware Multi-View Summarization Network for Image-Text Matching Performance over Random: A robust evaluation protocol for video summarization methods Concept Drift Detection for Multivariate Data Streams and Temporal Segmentation of Daylong Egocentric Videos Distributed Multi-agent Video Fast-forwarding	Han, Zhizhong; Chen, Chao; Liu, Yu-Shen*; Zwicker, Matthias Wei, Xing*; Li, Diangang; Hong, Xiaopeng; Ke, Wei; Gong, Yifeng Wu, Zhiwei; Zheng, Changmeng; Cai, Yi*; Chen, Junying; Leung, Ho-fung; Li, Qing Qu, Leigang; Liu, Meng; Cao, Da; Nie, Liqiang*; Tian, Qi Apostolidis, Evlampios*; Adamantidou, Eleni; Metsai, Alexandros I; Mezaris, Vasileios; Patras, Ioannis Nagar, Pravin*; Khemka, Mansi; Arora, Chetan Lan, Shuyue*; Wang, Zhili; Roy-Chowdhury, Amit K.; Wei, Ermin; Qi, Zhu
D3	2020.10.15	17:00-18:00	2020.10.16	03:00-04:00	mmfp0142 mmfp0519 mmfp0531 mmfp0980 mmfp1541 mmfp1946 mmfp2017 mmfp2249	Controllable Video Captioning with an Exemplar Sentence MMFL: Multimodal Fusion Learning for Text-Guided Image Inpainting Vision Meets Wireless Positioning: Effective Person Re-identification with Recurrent Context Propagation Structural Semantic Adversarial Active Learning for Image Captioning MISA: Modality-Invariant and -Specific Representations for Multimodal Sentiment Analysis Multi-modal Cooking Workflow Construction for Food Recipes Depth Guided Adaptive Meta-Fusion Network for Few-shot Video Recognition Adaptive Temporal Triplet-loss for Cross-modal Embedding Learning	Yuan, Yitao*; Ma, Lin; Wang, Jingwen; Zhu, Wenwu Lin, Qing; Yan, Bo*; Li, Jichun; Tan, Weimin Liu, Yiheng*; Zhou, Wengang; Xi, Mao; Shen, Sanjing; Li, Houqiang Zhang, Beichen*; Li, liang; Su, Li; Wang, Shuhui; Deng, Jincan; Zha, Zheng-Jun; Huang, Qingming Hazarika, Devamanyu*; Zimmermann, Roger; Poria, Soujanya Pan, Liang-Ming*; Chen, Jingjing; Wu, Jianlong; Liu, Shaoteng; Ngo, Chong-Wah; Kan, Min-Yen; Jiang, Yu-Gang; Chua, Tat-Seng Fu, Yujian*; Fu, Yanwei; wang, Junke; Zhang, Li; Zhang, Xing; Jiang, Yu-Gang Semedo, David*; Magalhaes, Joao
E3	2020.10.15	18:00-19:00	2020.10.16	04:00-05:00	mmfp0068 mmfp1009 mmfp1493 mmfp1656 mmfp1722 mmfp1710 mmfp1781	Scene-Aware Background Music Synthesis Deep-Modal: Real-Time Impact Sound Synthesis for Arbitrary Shapes Pop Music Transformer: Beat-based Modeling and Generation of Expressive Pop Piano Compositions Make your favorite music curative: music style transfer for anxiety reduction PopMAG: Pop Music Accompaniment Generation DeepSonar: Towards Effective and Robust Detection of AI-Synthesized Fake Voices FakePolisher: Making DeepFakes More Detection-Evasive by Shallow Reconstruction	Wang, Yujia*; Liang, Wei; Li, Wanwan; Li, Dingzeyu; Yu, Lap-Fai Jin, Xutong; Li, Sheng*; Qu, Tianshu; Manocha, Dinesh; Wang, Guoping Huang, Yu-Siang*; Yang, Yi-Hsuan Hu, Zhejing; Liu, Yan*; Chen, Gong; Zhong, Sheng-hua; Zhang, Aiwei Ren, Yi*; He, Jincheng; Tan, Xu; Qin, Tao; Zhao, Zhou; Liu, Tie-Yan Wang, Run*; Juefei-Xu, Felix; Huang, Yihao; Guo, Qing; Xie, Xiaofei; Ma, Lei; Liu, Yang Huang, Yihao*; Juefei-Xu, Felix; Wang, Run; Guo, Qing; Ma, Lei; Xie, Xiaofei; Li, Jianwen; Mao, Weikai; Liu, Yang; Pu, Geguang
F3	2020.10.15	19:00-20:00	2020.10.16	05:00-06:00	mmfp0304 mmfp0647 mmfp0696 mmfp0707 mmfp0734 mmfp0814	Boosting Visual Question Answering with Context-aware Knowledge Aggregation Memory-Augmented Relation Network for Few-Shot Learning K-armed Bandit based Multi-Modal Network Architecture Search for Visual Question Answering Adversarial Graph Representation Adaptation for Cross-Domain Facial Expression Recognition KBGN: Knowledge-Bridge Graph Network for Adaptive Vision-Text Reasoning in Visual Dialogue Cascade Grouped Attention Network for Referring Expression Segmentation	Li, Guohao*; Wang, Xin; Zhu, Wenwu Jun, He*; Hong, Richang; Liu, Xueliang; Xu, Mingliang; Zha, Zheng-Jun; Wang, Meng Zhou, Yiji; Ji, Rongrong*; Sun, Xiaoshuai; Luo, Gen; Hong, Xiaopeng; Su, Jinsong; Ding, Xinghao; Shao, Ling Xie, Yuan; Chen, Tianshui*; Pu, Tao; Wu, Hefeng; Lin, Liang Jiang, Xiaozhe; Du, Siyi; Qin, Zengchang*; Sun, Yajing; YU, JING Luo, Gen; Ji, Rongrong*; Zhou, Yiyi; Sun, Xiaoshuai; Su, Jinsong; Lin, Chia-Wen; Tian, Qi
G3	2020.10.15	20:00-21:00	2020.10.16	06:00-07:00	mmfp0867 mmfp0961 mmfp1275 mmfp1598 mmfp1708 mmfp1761	Reinforcement Learning for Weakly Supervised Temporal Grounding of Natural Language in Untrimmed Videos Poet: Product-oriented Video Captioner for E-commerce Text-Guided Neural Image Inpainting Single-Shot Two-Pronged Detector with Rectified IoU Loss Dynamic Context-guided Capsule Network for Multimodal Machine Translation Differentiable Manifold Reconstruction for Point Cloud Denoising	Wu, Jie*; Li, Guanbin; Han, Xiaoguang; Lin, Liang Zhang, Shengyu*; Tan, Zqi; Yu, Jin; Zhao, Zhou; Kuang, Kur; liu, jie; Zhou, Jingren; Yang, Hongxia; Wu, Fei Zhang, Lisi*; Chen, Qingcai; Hu, Baotian; Jiang, Shuoran Wang, Keyang; Zhang, Lei* Lin, Huan*; Meng, Fangong; Su, Jinsong; Yin, Yongjing; Yang, Zhengyuan; Ge, Yubin; Zhou, Jie; Luo, Jiebo Luo, Shitong*; Hu, Wei
H3	2020.10.15	21:00-22:00	2020.10.16	07:00-08:00	mmfp2014 mmfp2030 mmfp2035 mmfp2174 mmfp2264 mmfp2448	BS-MCVR: Binary-sensing based Mobile-cloud Visual Recognition Learning Modality-Invariant Latent Representations for Generalized Zero-shot Learning Describe What to Change: A Text-guided Unsupervised Image-to-image Translation Approach INCLUDE: A Large Scale Dataset for Indian Sign Language Recognition Amora: Black-box Adversarial Morphing Attack Visual Relation of Interest Detection	Zheng, Hongyi; Zhang, Lei* Li, Jingjing*; Jing, Mengmeng; Zhu, Lei; Ding, Zhengming; Lu, Ke; Yang, Yang Liu, Yahui; De Nadai, Marco*; Cai, Deng; Li, Huayang; Alameda-Pineda, Xavier; Sebe, Nicu; Lepri, Bruno Sridhar, Advait*; G, Rohith Gandhi; Kumar, Pratyush; Khapra, Mitesh Wang, Run*; Juefei-Xu, Felix; Guo, Qing; Huang, Yihao; Xie, Xiaofei; Ma, Lei; Liu, Yang Yu, Fan; Wang, Haonan; Ren, Tongwei*; Tang, Jinhui; Wu, Gangshan









# Grand Challenge

	Session	Date	NY Time	Mirrored NY Time	Paperid	Title
Grand Challenge : SMP Challenge	GC1	10/13	15:00-16:00	01:00-02:00 +1 Day	<a href="#">Intro video</a> mmgc2586 mmgc2616 mmgc2593 mmgc2592 mmgc2606	HyFea: Winning Solution to Social Media Popularity Prediction for Multimedia Grand Challenge 2020 A Feature Generalization Framework for Social Media Popularity Prediction (1st Rank Winner 2) Curriculum Learning for Wide Multimedia-Based Transformer with Graph Target Detection Multimodal Deep Learning for Social Media Popularity Prediction With Attention Mechanism Rethinking Relation between Model Stacking and Recurrent Neural Networks for Social Media Prediction
Grand Challenge: Video Relation understanding&Pre-training for video captions Challenge	GC1	10/13	15:00-16:00	01:00-02:00 +1 Day	<a href="#">Intro video</a> mmgc2604 mmgc2629 mmgc2610 mmgc2611 mmgc2608	Video relation detection with trajectory-aware multi-modal features A Strong Baseline For Multiple Object Tracking On VidOR Dataset XlanV Model with Adaptively Multi-Modality Feature Fusing for Video Captioning (1st place) VideoTRM: Pre-training for Video Captioning Challenge 2020 (2nd place), Multi-stage Tag Guidance Network in Video Caption (3rd place)
Grand Challenge: Human Centric Analysis I	GC1	10/13	15:00-16:00	01:00-02:00 +1 Day	<a href="#">Intro video</a> mmgc2603 mmgc2600 mmgc2629 mmgc2623 mmgc2596	Dense Scene Multiple Object Tracking with Box-Plane Matching Transductive Multi-Object Tracking in Complex Events by Interactive Self-Training Weihao Huang, Zeyu Huang, Wei-Shi Zheng; Track_1_Private First Place & Track_1_Public Second Place Application of Multi-Object Tracking with Siamese Track-RCNN to the Human in Events Dataset Towards Accurate Human Pose Estimation in Videos of Crowded Scenes
Grand Challenge:Deep Video Understanding & BioMedia	GC2	10/14	15:00-16:00	01:00-02:00 +1 Day	<a href="#">Intro video</a> mmgc2627 mmgc2614 mmgc2630 mmgc2607 mmgc2605	Deep Relationship Analysis in Video with Multimodal Feature Fusion, Fan Yu, Dandan Wang, Beibei Zhang, Tongwei Ren Towards Using Semantic-Web Technologies for Multi-Modal Knowledge Graph Construction, Story Boundaries: Semantic Relationships from Multimodal Inputs ACM Multimedia BioMedia 2020 Grand Challenge Overview A Quantitative Comparison of Different Machine Learning Approaches for Human Spermatozoa Quality Prediction Using Multimodal Datasets
Grand Challenge: CitySCENE	GC2	10/14	15:00-16:00	01:00-02:00 +1 Day	<a href="#">Intro video</a> mmgc2620 mmgc2597 mmgc2626 mmgc2595	Enhancing Anomaly Detection in Surveillance Videos with Transfer Learning from Action Recognition Modularized Framework with Category-Sensitive Abnormal Filter for City Anomaly Detection Large Scale Hierarchical Anomaly Detection and Temporal Localization Global Information Guided Video Anomaly Detection
Grand Challenge: Human Centric Analysis II	GC3	10/15	15:00-16:00	01:00-02:00 +1 Day	<a href="#">Intro video</a> mmgc2624 mmgc2617 mmgc2625 mmgc2594 mmgc2598	Pose Tracking in Videos of Crowded Scenes HiEve ACM MM Grand Challenge 2020: Pose Tracking in Crowded Scenes, Toward Accurate Person-level Action Recognition in Videos of Crowded Scenes Person-level Action Recognition in Complex Events via TSD-TSM Networks Group-Skeleton-Based Human Action Recognition in Complex Events
Grand Challenge: AI meets beauty	GC3	10/15	15:00-16:00	01:00-02:00 +1 Day	<a href="#">Intro video</a> mmgc2609 mmgc2585 mmgc2583 mmgc2618 mmgc2599 mmgc2615	Attention Based Beauty Product Retrieval Using Global and Local Descriptors Multi-Feature Fusion Method Based on Salient Object Detection for Beauty Product Retrieval Attention-driven Unsupervised Image Retrieval for Beauty Products with Visual and Textual Clues Learning Visual Features from Product Title for Image Retrieval Learning to Remember Beauty Products Multi-Scale Generalized Attention-Based Regional Maximum Activation of Convolutions for Beauty Product Retrieval