

Online Programme Monday August 24th

06:00 (UTC +1) Poster Session 1

Poster inter	action - Dec	licated time	slots for pres	enters, On D	Demand Vide	eo Viewing, V	irtual Exhibi	tion, Demon	strations
Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday	Sunday	Monday
UK UTC +1 Hour	Europe UTC +2 Hours	Dubai UTC +4 Hours	India UTC +5.30 hours	Hong Kong UTC +8 Hours	Japan UTC +9 Hours	Sydney UTC +10 Hours	New Zealand UTC +12 Hours	San Francisco UTC -7 Hours	Boston UTC -4 Hours
06:00	07:00	09:00	10:30	13:00	14:00	15:00	17:00	22:00	01:00
Poster Session	Poster Session	Poster Session	Poster Session	Poster Session	Poster Session	Poster Session	Poster Session		

Poster Session 06:00 - 08:00 (UTC +1) **Demonstrations 06:00 - 08:00 (UTC +1)**

U/:2U	OIC +T	<i>)</i> Conte	rence C	pening	Sessio					
Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday	Sunday	Monday	
UK UTC +1 Hour	Europe UTC +2 Hours	Dubai UTC +4 Hours	India UTC +5.30 hours	Hong Kong UTC +8 Hours	Japan UTC +9 Hours	Sydney UTC +10 Hours	New Zealand UTC +12 Hours	San Francisco UTC -7 Hours	Boston UTC -4 Hours	
07-20	08-20	10.20	11.50	14-20	15:20	16:20	18-20	23.20	02.20	

ECCV 2020 Welcome from General Chairs ECCV 2020 Update from Program Chairs ECCV 2020 Prizes

Live Q&A

Live Q&A

20:30

01:30

04:30

09:00 (UTC ±1) Live Session 1 with OSA

08:00	(016+1	L) Live 5	ession.	r with (AGA				
Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday
UK UTC +1 Hour	Europe UTC +2 Hours	Dubai UTC +4 Hours	India UTC +5.30 hours	Hong Kong UTC +8 Hours	Japan UTC +9 Hours	Sydney UTC +10 Hours	New Zealand UTC +12 Hours	San Francisco UTC -7 Hours	Boston UTC -4 Hours
08:00	09:00	11:00	12:30	15:00	16:00	17:00	19:00	00:00	03:00
	Oral Session -	3D geometry &।	reconstruction			Spotlight Ses	sion - Recognitio	n & detection	
	Industry News					Industry News			
Feihu Zhang	u Zhang Domain-invariant Stereo Matching Networks				Kaiwen Duan	Corner Proposal stage Object Det	Network for Anch tection	nor-free, Two-	#3012
Marie-Julie Rakotosaona	Intrinsic Point Cl Space Navigation	•	n via Dual Latent	#3199	Tong Wu		anced Loss for Mu Long-Tailed Datas		#3051
Yida Wang	SoftPoolNet: Sha Completion and	ape Descriptor fo Classification	r Point Cloud	#1141	Zhiming Chen		rds Accurate Orie nplex Environmer	•	#3092
					Liuyu Xiang	_	Multiple Experts: Se llation for Long-ta	-	#4123
					Guosen Xie	Region Graph Er Learning	nbedding Networ	k for Zero-Shot	
		Elevator pitches					Elevator pitches		

08:40 - 08:50 (UTC +1) Rest Break

08:50 (UTC +1) Live Session 1 with Q&A

Live Q&A

09:30 (UTC +1) Networking Break

12:30

14:00

Live Q&A

	Oral Session - 3D geometry & reconstructio		Spotlight Session - Recognition & detection				
	"Promo Pitches" from Industry			"Promo Pitches" from Industry			
Heming Zhu	Deep Fashion3D: A Dataset and Benchmark for 3D Garment Reconstruction from Single Images	#3065	Minchul Kim	Learning Visual Context by Comparison	#2171		
Garvita Tiwari	SIZER: A Dataset and Model for Parsing 3D Clothing and Learning Size Sensitive 3D Clothing	#3209	Yixiao Ge	Self-supervising Fine-grained Region Similarities for Large-scale Image Localization	#2078		
Dylan Campbell	Solving the Blind Perspective-n-Point Problem End-To-End With Robust Differentiable Geometric Optimization	#3099	Sho Inayoshi	Bounding-box Channels for Visual Relationship Detection	#4161		
Yizhak Ben- Shabat	DeepFit: 3D Surface Fitting via Neural Network Weighted Least Squares	#4004	Jae Sung Park	VisualCOMET: Reasoning about the Dynamic Context of a Still Image	#2153		
			Wenshuo Ma	AABO: Adaptive Anchor Box Optimization for Object Detection via Bayesian Sub-sampling	#3121		
			Jiaqi Wang	Side-Aware Boundary Localization for More Precise Object Detection	#4074		

Industry Sessions, On Demand Video Viewing, Virtual Exhibition, Networking, Live Chat										
Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday	Monday	
UK UTC +1 Hour	Europe UTC +2 Hours	Dubai UTC +4 Hours	India UTC +5.30 hours	Hong Kong UTC +8 Hours	Japan UTC +9 Hours	Sydney UTC +10 Hours	New Zealand UTC +12 Hours	San Francisco UTC -7 Hours	Boston UTC -4 Hours	

17:30

18:30

Monday

Monday

Spotlight Session - 3D geometry & reconstruction

Tuesday

New Zealand

UTC +12 Hours

03:00

"Promo Pitches" from Industry

Monday

Monday

San Francisco

UTC -7 Hours

08:00

Monday

San Francisco

UTC -7 Hours

Monday

Boston

UTC -4 Hours

Monday

Boston

UTC -4 Hours

Monday

Boston

UTC -4 Hours

11:00

Monday

16:30

Chat with Chairs

09:30

Chat with Chairs 09:30 - 10:30 (UTC +1)

Visit the Networking Lounge and 'Start a Chat'

10:30

Monday Yoga with Claire

09:30 - 10:30 (UTC +1) Visit 'ECCV'20 Fun Things' within the Networking Lounge

Industry Session

Baidu 10:45-11:15 (UTC +1)

Topic 1: Vision Techs in Al-city Baidu Topic 2: Building High-Quality Custom AI Models Without Having to Code

11:30-12:15 (UTC+1)

Industry Session

Sony

Topic 3: 3D Perception and Planning for Autonomous Driving and Robotics

Topic 1: Intelligent Vision Sensor, Seigo Hirakawa (Sony Semiconductor Solutions) Topic 2: Online and Offline 3D Mapping, Andreas Kuhn (Sony R&D Center) Topic 3: Sony AI, Peter Duerr (Sony AI)

Technology foundation for Real-time, Reality and Remote

Monday Monday Monday Monday Monday Monday

12:30 (UTC +1) Live Session 2 with Q&A

UK UTC +1 Hour	Europe UTC +2 Hours	Dubai UTC +4 Hours	India UTC +5.30 hours	Hong Kong UTC +8 Hours	Japan UTC +9 Hours	Sydney UTC +10 Hours	New Zealand UTC +12 Hours	San Francisco UTC -7 Hours	Boston UTC -4 Hours		
12:30	13:30	15:30	17:00	19:30	20:30	21:30	23:30	04:30	07:30		
	Oral Sessio	n - Recognition	detection		Spotlight Session - 3D geometry & reconstruction						
	Industry News					Industry News					
Mengtian (Martin) Li	Towards Streami	ng Perception		#4349	Xiaobin Hu	Face Super-Resc	lution Guided by	3D Facial Priors	#1067		
Jinlu Liu Prototype Rectification for Few-Shot Learning				#4111	Frank Dellaert	Shonan Rotation Averaging: Global Optimality by Surfing \$SO(p)^n\$			#4409		
Nicolas Carion	colas Carion End-to-End Object Detection with Transformers				Hongwei Yi	Dense Hybrid Recurrent Multi-view Stereo Net with Dynamic Consistency Checking			#4105		
					Philipp Erler	Points2Surf Lear Clouds	ning Implicit Surfa	aces from Point	#1073		
					Juan Du	•	rarchical 3D Desc ale 6DoF Relocali:	•	#1066		
		Elevator pitches					Elevator pitches				
		Live Q&A			Live Q&A						

13:20 (UTC +1) Live Session 2 with Q&A

"Promo Pitches" from Industry #4197 Jiayong Peng Hongjie Zhang Hybrid Models for Open Set Recognition

Oral Session - Recognition & detection

Monday

Dubai

Hongjie Zhang	Hybrid Models for Open Set Recognition	#4197	Jiayong Peng	Photon-Efficient 3D Imaging with A Non-Local Neural Network	#4192				
Georgios Tolias	Learning and Aggregating Deep Local Descriptors for Instance-level Recognition	#3176	Frank Verbiest	Modeling the Effects of Windshield Refraction for Camera Calibration	#1148				
Ameya Prabhu	GDumb: A Simple Approach that Questions Our Progress in Continual Learning	#1093	Viktor Larsson	Calibration-free Structure-from-Motion with Calibrated Radial Trifocal Tensors	#1088				
Haoyu Liang	Training Interpretable Convolutional Neural Networks by Differentiating Class-specific Filters	#2167	Songyou Peng	Convolutional Occupancy Networks	#1016				
			Zuzana Kukelova	Minimal Rolling Shutter Absolute Pose with Unknown Focal Length and Radial Distortion	#1119				
	Live Q&A			Live Q&A					
14:00 (UTC +1) Poster Session 2 & Industry Session									
	Virtual Exhibition, Poster Interaction - Dedicated time slots for presenters, On Demand Video Viewing, Demonstrations								

UTC +10 Hours UTC +2 Hours UTC +8 Hours UTC +9 Hours UTC +1 Hour UTC +4 Hours UTC +5.30 hours

Topic 3: Mindspore, a highly parallelism and device-edge-cloud collaborated deep learning computing framework

20:30

Monday

India

14:00	15:00	17:00	18:30	21:00	22:00	23:00	01:00	06:00	09:00
Poster Session	Poster Session	Poster Session	Poster Session					Poster Session	Poster Session
Poster Session 1	.4:00 - 16:00 (UT	C +1)							
Demonstrations	14:00 - 16:00 (U	TC +1)							
Industry Sessior 15:15 - 15:45 (UT	n - Huawei Resea C +1)	rch Center							

Monday

Japan

00:00

Monday

Sydney

01:00

Monday

Hong Kong

Monday

UK

16:00

16:00 (UTC +1) Live Session 3 with Q&A

17:00

Monday

Europe

Monday **Monday** Monday Monday

19:00

Topic 1: Challenges and Opportunities for working in Huawei Research

Monday **Tuesday** Tuesday Tuesday Monday UK India **Hong Kong** Europe Dubai Japan Sydney **New Zealand San Francisco UTC +2 Hours UTC -7 Hours UTC +1 Hour UTC +4 Hours** UTC +5.30 hours **UTC +8 Hours UTC +9 Hours UTC +10 Hours UTC +12 Hours**

23:00

Topic 2: Computational Photography Challenges (Moire Challenge), AI Theory and CV, Multi-modal Dataset in Huawei London Research Center

	Oral Session - 3D geometry & reconstruction		Spotlight Session - Recognition & detection				
	Industry News			Industry News			
Stefan Popov	CoReNet: Coherent 3D Scene Reconstruction from a Single RGB Image	#1084	Malik Boudiaf	A unifying mutual information view of metric learning: cross-entropy vs. pairwise losses	#4427		
Yifan Xu	Implicit Field Based 3D Reconstruction with Symmetry Pratul NeRF: Representing Scenes as Neural Radiance #4278 Fariborz Transporting		TIDE: A General Toolbox for Identifying Object Detection Errors	#2282			
Pratul Srinivasan				Transporting Labels via Hierarchical Optimal Transport for Semi-Supervised Learning	#4309		
			Angelina Wang	REVISE: A Tool for Measuring and Mitigating Bias in Visual Datasets	#4261		
			Xingyi Zhou	Tracking Objects as Points	#3260		
	Elevator pitches	Elevator pitches					
	Live Q&A	Live Q&A					

				Visual Datasets	
			Xingyi Zhou	Tracking Objects as Points	#3260
	Elevator pitches			Elevator pitches	
	Live Q&A			Live Q&A	
	10	6:40 - 16:50 (UTC	+1) Rest Break		
16.50	UTC +1) Live Session	z with C	NG A		
_ 10.50 (OIC TI) LIVE SESSION	o with G	IGA		
	Oral Session - 3D geometry & reconstruction			Spotlight Session - Recognition & detection	
	"Promo Pitches" from Industry			"Promo Pitches" from Industry	
Bharat Lal Bhatnagar	"Promo Pitches" from Industry Combining Implicit Function Learning and Parametric Models for 3D Human Reconstruction	#1078	Aditay Tripathi	"Promo Pitches" from Industry Sketch-Guided Object Localization in Natural Images	#3221
	Combining Implicit Function Learning and	#1078 #2307	Aditay Tripathi Titir Dutta	Sketch-Guided Object Localization in Natural	#3221 #1085

George Terzakis	A Consistently Fast and Globally Optimal Solution to the Perspective-n-Point Problem	#2307	Titir Dutta	Adaptive Margin Diversity Regularizer for handling Data Imbalance in Zero-Shot SBIR	#1085
James Watson	Learning Stereo from Single Images	#4318	Zuxuan Wu	Making an Invisibility Cloak: Real World Adversarial Attacks on Object Detectors	#2294
Jingjing Shen	The Phong Surface: Efficient 3D Model Fitting using Lifted Optimization	#4316	Arman Afrasiyabi	Associative Alignment for Few-shot Image Classification	#1174
			Arun Balajee Vasudevan	Semantic Object Prediction and Spatial Sound Super-Resolution with Binaural Sounds	#2255
	Live Q&A			Live Q&A	
	UTC +1) Networking Essions, On Demand Video Viewing,		bition, Netw	orking, Live Chat	

UTC +1 Hour UTC +2 Hours UTC +4 Hours UTC +5.30 hours UTC +8 Hours

Monday

Dubai

Monday

India

17:30	18:30	20:30	22:00	00:30	01:30	02:30	04:30	09:30	12:30
Industry Session	l.								
Lyft 17:45-18:30 (UTC	C +1)								

Tuesday

Hong Kong

Tuesday

Japan

UTC +9 Hours

Tuesday

Sydney

UTC +10 Hours

Tuesday

New Zealand

UTC +12 Hours

Amazon 18:45-19:15 (UTC +1) Scholars & Computer Vision @ Amazon

Solving the Next Great Challenges in Self-Driving

Monday

Europe

Monday

UK

Industry Session