ACMCV'2021

8th Annual Catalan Meeting on Computer Vision

VIRTUAL POSTER SESSION

ROOM 1

P01 – H3D-Net: Few-Shot High-Fidelity 3D Head Reconstruction – Eduard Ramon; Gil Triginer; Janna Escur; Albert Pumarola; Jaime Garcia; Xavier Giro-i-Nieto; Francesc Moreno-Noguer

P02 – Seasonal Contrast: Unsupervised Pre-Training from Uncurated Remote Sensing Data – Oscar Mañas; Alexandre Lacoste; Xavier Giro-i-Nieto; David Vazquez; Pau Rodriguez

P03 – Beyond Trivial Counterfactual Explanations with Diverse Valuable Explanations – Pau Rodriguez; Massimo Caccia; Alexandre Lacoste; Lee Zamparo; Issam Laradji; Laurent Charlin; David Vazquez

P04 – Generalized Source-free Domain Adaptation – Shiqi Yang; Yaxing Wang; Joost van de Weijer; Luis Herranz; Shangling Jui

P05 – TransferI2I: Transfer Learning for Image-to-Image Translation from Small Datasets – Yaxing Wang; Hector Laria; Joost van de Weijer; Laura Lopez-Fuentes; Bogdan Raducanu

P06 – Predicting Driver Self-Reported Stress by Analyzing the Road Scene – Cristina Bustos; Neska Elhaouij; Albert Solé-Ribalta; Javier Borge-Holthoefer; Agata Lapedriza; Rosalind Picard

P07 – Explainable, automated urban interventions to improve pedestrian and vehicle safety – Cristina Bustos; Daniel Rhoads; Albert Solé-Ribalta; David Masip; Alex Arenas; Agata Lapedriza; Javier Borge-Holthoefer

P08 – Beyond document object detection: instance-level segmentation of complex layouts – Sanket Biswas, Pau Riba, Josep Lladós, Umapada Pal

P09 – Docsynth: a layout guided approach for controllable document image synthesis – Sanket Biswas, Pau Riba, Josep Lladós, Umapada Pal

P10 – Recognizing Emotions evoked by Movies using Multitask Learning – Hassan Hayat; Carles Ventura; Agata Lapedriza

P11 – CoLe-CNN+: Context learning – Convolutional neural network for COVID-19-Ground-Glass-Opacities detection and segmentation – Giuseppe Pezzano, Oliver Diaz, Vicent Ribas, Petia Radeva

ROOM 2

P12 – SMPLicit: Topology-aware Generative Model for Clothed People – Enric Corona, Albert Pumarola, Guillem Alenya, Gerard Pons-Moll, Francesc Moreno-Noguer

P13 – How2Sign: A Large-scale Multimodal Dataset for Continuous American Sign Language – Amanda Duarte; Shruti Palaskar; Lucas Ventura; Deepti Ghadiyaram; Kenneth DeHaan; Florian Metze; Jordi Torres; Xavier Giro-i-Nieto

P14 – Slimmable compressive autoencoders for practical neural image compression – Fei Yang, Luis Herranz, Yongmei Cheng, Mikhail G. Mozerov

P15 – DANICE: Domain adaptation without forgetting in neural image compression – Sudeep Katakol, Luis Herranz, Fei Yang, Marta Mrak

P16 – Distributed Learning and Inference with Compressed Images – Sudeep Katakol, Basem Elbarashy, Luis Herranz, Joost van de Weijer, Antonio M. Lopez

P17 – A new scheme for the assessment of the robustness of Explainable Methods Applied to Brain Age estimation – Ahmed Salih, Ilaria Boscolo Galazzo, Zahra Raisi-Estabragh, Steffen E. Petersen, Polyxeni Gkontra, Karim Lekadir, Gloria Menegaz and Petia Radeva

P18 – Towards Eating Habits Discovery in Egocentric Photo-Streams – Alina Matei; Andreea Glavan; Petia Radeva; Estefanía Talavera

P19 – Multi-modal reasoning graph for scene-text based fine-grained image classification and retrieval – Andrés Mafla, Sounak Dey, Ali Furkan Biten, Lluis Gomez, Dimosthenis Karatzas

P20 – StacMR: Scene-Text Aware Cross-Modal Retrieval – Andrés Mafla, Rafael Sampaio Rezende, Lluis Gómez, Diane Larlus, Dimosthenis Karatzas

P21 – Real-time lexicon-free scene text retrieval – Andrés Mafla, Ruben Tito, Sounak Dey, Lluis Gómez, Marçal Rusiñol, Ernest Valveny, Dimosthenis Karatzas

P22 – Fine-grained Image Classification and Retrieval by Combining Visual and Locally Pooled Textual Features – Andrés Mafla, Sounak Dey, Ali Furkan Biten, Lluis Gomez, Dimosthenis Karatzas

P23 – Does our social life influence our nutritional behaviour? Understanding nutritional habits from egocentric photo-streams – Andreea Glavan, Alina Matei, Petia Radeva, Estefanía Talavera