SS5: MULTIMED2020: Multimedia and Multimodal Analytics in the Medical Domain and Pervasive Environments

Date & Time: January 8(Wed.), 2020 | 10:20-12:00
Place: Room B (#103-104)
Session Chair: Georgios Meditskos (Center for Research and Technology Hellas, Greece)

#135	**Studying Public Medical Images from the Open Access Literature and Social Networks for Model Training and Knowledge Extraction** Henning Müller, Vincent Andrearczyk, Oscar Jimenez del Toro, Anjani Dhrangadhariya, Roger Schaer, and Manfredo Atzori
#107	**AttenNet: Deep Attention Based Retinal Disease Classification in OCT Images** Jun Wu, Yao Zhang, Jie Wang, Jianchun Zhao, Dayong Ding, Ningjiang Chen, Lingling Wang, Xuan Chen, Chunhui Jiang, Xuan Zou, Xing Liu, Hui Xiao, Yuan Tian, Zongjiang Shang, Kaiwei Wang, Xirong Li, Gang Yang, and Jianping Fan
#78	**NOVA: A Tool for Explanatory Multimodal Behavior Analysis and Its Application to Psychotherapy** Tobias Baur, Sina Clausen, Alexander Heimerl, Florian Lingenfelser, Wolfgang Lutz, and Elisabeth André
#192	**Instrument Recognition in Laparoscopy for Technical Skill Assessment** Sabrina Kletz, Klaus Schoeffmann, Andreas Leibetseder, Jenny Benois-Pineau, and Heinrich Husslein
#225	**Real-Time Recognition of Daily Actions Based on 3D Joint Movements and Fisher Encoding** Panagiotis Giannakeris, Georgios Meditskos, Konstantinos Avgerinakis, Stefanos Vrochidis, and Ioannis Kompatsiaris
#103 (Poster)	**Model-Based and Class-Based Fusion of Multisensor Data** Athina Tsanousa, Angelos Chatzimichail, Georgios Meditskos, Stefanos Vrochidis, and Ioannis Kompatsiaris
#235 (Poster)	**Evaluating the Generalization Performance of Instrument Classification in Cataract Surgery Videos** Natalia Sokolova, Klaus Schoeffmann, Mario Taschwer, Doris Putzgruber-Adamitsch, and Yosuf El-Shabrawi