

Automatic Assessment of Pain: A Joint Schedule for Two Events!

Workshop on Automated Assessment for Pain

<https://fg2020.org/international-workshop-on-automated-assessment-for-pain/>

EmoPain Face and Movement Behaviour Challenge

<https://mvrjustid.github.io/EmoPainChallenge2020/>

SCHEDULE (Time zone: Buenos Aires, Argentina)

9:00 *Opening of the AAP'20 workshop*

9:15 *Keynote 1*

10:00 *Exploring Multidimensional Measurements for Pain Evaluation using Facial Action Units*

Xiaoqing Xu, Virginia de Sa. (University of California San Diego)

10:15 *Using Deep 3D Features and an LSTM Based Sequence Model for Automatic Pain Detection in the Wild*

Sowmya Rasipuram, Nikhil Sai Bukka, Dinesh Babu Jayagopi, Anutosh Maitra. (Accenture Technology Labs; International Institute of Information Technology, Bangalore)

10:30 *Automatic Pain Detection on Horse and Donkey Faces*

Hilde Hummel, Francisca Pessanha, Albert Ali Salah, Thijs J. P.A.M. van Loon, Remco C. Veltkamp (Utrecht University; Porto University)

10:45 Break

11:00 *Keynote 2*

11:45 Break

12:15 *Opening of the EmoPain Challenge 2020*

12:35 *LSTM-DNN based Approach for Pain Intensity and Protective Behaviour Prediction*

Yi Li, Shreya Ghosh, Jyoti Joshi Dhall and Sharon Oviatt
Monash University

12:50 *ALANet: Autoencoder-LSTM for pain and protective behaviour detection*

Xinhui Yuan and Marwa Mahmoud
Changchun University of Science and Technology

- 13:05 ***Multimodality Pain and related Behaviors Recognition based on Attention Learning***
Van Thong Huynh, Soo-Hyung Kim, Guee-Sang Lee and Hyung-Jeong Yang
Chonnam National University
- 13:20 ***Three-level Training of Multi-Head Architecture for Pain Detection***
Saandeep Aathreya Sidhapur Lakshminarayan, Saurabh Hinduja and Shaun Canavan
University of South Florida
- 13:35 Break
- 13:40 ***Multimodal Multilevel Fusion for Sequential Protective Behavior Detection and Pain Estimation***
Md Taufeeq Uddin and Shaun Canavan
University of South Florida
- 13:55 ***Automatic Recognition of Low-Back Chronic Pain Level and Protective Movement Behaviour using Physical and Muscle Activity Information***
Fasih Haider, Pierre Albert and Saturnino Luz
University of Edinburgh
- 14:10 ***A Curriculum Learning Approach for Pain Intensity Recognition from Facial Expressions***
Adria Mallol-Ragolta, Shuo Liu, Nicholas Cummins and Björn Schuller
University of Augsburg
- 14:30 ***Announcement of EmoPain 20202 Winner and Award Ceremony***
- 14:50 ***Closing***