IEEE International Workshop on Applications of Affective Sensing in Communication Networks (AffectiCom'21)

June 14–18, 2021
Montreal, Canada

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Important Dates
Submission deadline: January 20, 2021
Notifications: February 20, 2021
Camera-ready papers: March 1, 2021

Submission link
https://edas.info/N27513

The aim of this workshop is to streamline research on affective sensing applications in communication networks. It further comes in response to a steadfastly growing trend in communication context both to facilitate cost-effective sensing, and to utilize the user's affect to improve the network operation. These include the use of ISM-band equipment to contactlessly capture human movement, pose, breathing rate, etc., and infer affect whether in standalone or a multimodal manner, i.e., with or with video/audio feeds. Another example is the automating QoE capture to improve the networked service delivery.

Toward this aim, the workshop will span the following topics:
- Affect discretization and modeling
- Affect emulation
- Affect synthesis
- Affective sensing for crowds
- Applications of affective sensing in
- AR/VR communications
- Connected vehicles
- Crowd control and management
- Education
- eHealth
- Network management
- Smart cities
- AI/ML applications in affective sensing
- Architectures for affective sensing
- Fusion in multi-modal sensing techniques
- Generating affective sensing datasets
- Qualifying affective sensing solutions

The workshop accepts only novel, previously unpublished papers. The page length limit for all initial submissions for review is SIX (6) printed pages (10-point font) and must be written in English. All final submissions of accepted papers must be written in English with a maximum paper length of six (6) printed pages (10-point font) including figures. No more than one (1) additional printed page (10-point font) may be included in final submissions and the extra page (the 7th page) will incur an over length page charge of USD100. For more information, please see IEEE ICC 2021 official website: https://icc2021.ieee-icc.org/authors

For further information please visit https://www.affecticom.net/ or https://bit.ly/2SNKcCi