

# Special Issue

## Emotional AI and its Applications in Communications Networks

### Message from the Guest Editors

The aim of this Special Issue is to capture the state of EAI in the context of communication networks. This spans research and commercial efforts as well as standardization. It also includes emotional sensing setups, processing, and representation. Topics of interest include but are not limited to the following:

- Affect discretization and modeling
- Affective sensing for crowds
- Applications of affective sensing in
- AR/VR communications
- 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

Some of the submissions published in this Special Issue will be extended versions of works presented at the workshop on Applications of Affective Sensing in Communication Networks (AffectiCom'21, <https://www.affecticom.net/>), which is co-located with the IEEE International Conference on Communications (ICC, <https://icc2021.ieee-icc.org/>), Montreal, Canada held on June 14–18, 2021. Papers will also be accepted through open call.

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### Guest Editors

Dr. Abd-Elhamid M. Taha

Prof. Najah Abu Ali

Prof. Dr. Vojislav B Mišić

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### Deadline for manuscript submissions

closed (10 May 2022)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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