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Pervasive Intelligence for Sensor and Cyber Information

Guest Editors:

Prof. Dr. Henry Leung

Prof. Dr. Flavia C. Delicato

Prof. Dr. Fuhua Lin

Prof. Dr. Paulo F. Pires

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

Over the last fifty years, computational intelligence has evolved from logic-based artificial intelligence, nature-inspired computing, and social-oriented agent technology to cyber-physical integrated ubiquitous intelligence towards pervasive intelligence (PI). There are several challenges involved in integrating intelligence techniques into cyber-physical systems in order to control intelligent processes and produce insights as well as valuable and actionable information. To address these challenges, there is a need to establish new science and research portfolios that incorporate cyber-physical, cyber-social, cyber-intelligent, and cyber-life technologies in a cohesive and efficient manner. This Special Issue aims to highlight the latest research results and advances focused on how to enable pervasive intelligence in everyday devices to learn and dynamically support human preferences and lifestyles at home, at work, and on the move. We are also interested in how to tackle challenges such as human control, accessibility, safety, and trust associated with the cyberspace.



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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