

## Special Issue

# Neuro-Robotics Systems: Sensing, Cognition, Learning, and Control

### Message from the Guest Editors

Neuro-robotics systems play an important role as technology advances to promote human wellbeing and quality of life. By combining studies of neuroscience, robotics, and artificial intelligence, new models, applications, and hardware are being designed to promote the fusion of these fields towards human-centred research and real-life applications to assist humans. Considering the field of cognitive robotics, intelligent behaviour is the main aspect pursued, given a processing architecture, so learning and reasoning about how to behave in response to complex goals in a complex world full of uncertainties must be designed. Neuro-robotics systems within the Cognitive Robotics perspective must consider the Sensing—Reasoning—Action Loop, which is human-centric. This SI aims to put together neuro-robotic systems and cognitive robotics research perspectives in order to promote quality research towards human-centric application outputs that might have a potential impact on human lives. For detailed information, please visit [here](#).

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### Guest Editors

Dr. Diego R. Faria

Dr. Alessandro Carfi

Dr. Timothy Patten

Prof. Dr. Markus Vincze

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### Deadline for manuscript submissions

closed (20 August 2023)



## Sensors

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### Editor-in-Chief

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