

Special Issue

Collaborative Intelligence in the Era of Industry 5.0

Message from the Guest Editors

In the evolving landscape of Industry 5.0, the integration of human creativity and decision-making with the precision, consistency, and endurance of smart machines and intelligent algorithms is transforming industrial operations. This fusion, known as

Collaborative Intelligence, represents the synergy between humans and machines, where the strengths of each complement and enhance the other. As we advance into the Industry 5.0 revolution, the focus has shifted from mere automation and efficiency to a more holistic approach that prioritizes the well-being of operators, promotes sustainability, and ensures resilience in industrial processes. This new paradigm emphasizes the **digitization of industrial assets** and the creation of human-centric workspaces, where digital tools not only augment human capabilities but also evolve roles to meet the demands of a rapidly changing industrial environment. The goal of this Special Issue is to explore the diverse facets of Collaborative Intelligence within the context of Industry 5.0.

Guest Editors

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Deadline for manuscript submissions

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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