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Advanced Neurorobotics and Its Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Neuro-inspiration has become astonishingly popular in the domain of autonomous robotics within the last decade. Common to all these works is the idea of replicating learning mechanisms, adaptive rules and decision-making of the animal's brain to implement fast and optimal solutions to the many complex tasks robots have to solve in uncertain and noisy environments as animals would do. Taking inspiration from biology serves as a blueprint to propose innovative and alternative control architectures to increase the autonomy of robots, self-driven vehicles, drones and intelligent systems. The topic of this Special Issue includes, but is not limited to, robot navigation, self-driving vehicles, developmental robotics and robot control.

Dr. Nicolas Cuperlier
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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