

## Special Issue

# Advances in Snake Robots of Bio-Inspired Robotics

### Message from the Guest Editors

Dear colleagues, In general, bio-inspired robotics are often regarded as mere biomimicry. However, just as airplanes do not flap their wings like birds and automobiles do not walk like horses, it is not always best to imitate the forms and movements of living creatures in the field of engineering. In other words, Bio-inspired Robotics and Biomimetic Robotics are not the same things. Similar problems exist in snake-like robots, where the initial inspiration may come from living organisms, but the final application may differ from the biological principles. This Special Issue aims to present not only research on understanding animal snakes for biomimetic robots, but also research on new snake-like robots that are not limited to mere biomimicry while considering the real application. This Special Issue will provide an opportunity to introduce and share state-of-the-art research on snake robots by collecting cutting-edge research results of various bio-inspired robots. For detailed information, please visit [here](#).

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### Guest Editors

Prof. Dr. Shugen Ma  
Dr. Atsushi Kakogawa  
Dr. Chao Ren  
Dr. Filippo Sanfilippo

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### Deadline for manuscript submissions

closed (20 December 2022)



## Sensors

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### Editor-in-Chief

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