



International Society of
BIONIC ENGINEERING

June 14, 2018, Tel-Aviv University, Israel

2018 Joint International Conference – ISBE- IBO (Israeli Biomimicry Organization)

The 4th International Workshop on Bionic Engineering (IWBE2018)

The 4th Biomimicry- Academy & Industry conference

The Joint International Conference – ISBE- IBO organized by the International Society of Bionic Engineering (ISBE) in collaboration with the Israeli Biomimicry Organization (IBO), the biomimicry laboratory, Porter School of Environmental Studies, Tel Aviv University, and the Learning From Nature laboratory, Technion, will be held in Tel-Aviv University, Israel, June 14, 2018.

This conference aims to provide an international forum for scientists, engineers and entrepreneurs around the world who are working in the field of bionic engineering and biomimetic design and also for dissemination of information and knowledge exchange in biomimetics and bionic engineering. A broad range of topics and application areas will be devised to reflect the interdisciplinary nature of this conference, and the unique interface of academy and industry.

Authors are invited to submit abstracts covering, but not limited to, the following areas:

- Biomimetic surfaces
- Biomimetic materials
- Machinery biomimetics
- Bionic fluid
- Sensors and signal processing
- Robotics, motion systems and artificial intelligence
- Energy systems
- Sustainable biomimetic innovations
- Biomimetic design methodologies
- Industrial applications in biomimetics: products and technologies

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Important Dates:

Abstract submission:	1 Jan 2018
Notification of accepted abstracts:	15 Jan 2018
Full paper submission:	1 Mar 2018
Notification of accepted full papers:	1 Apr 2018
Early bird Registration deadline:	10 Apr 2018

Local Organizing Committee:

- Prof. Yoram Reich(Chair)
- Prof. Daniel Weihs
- Dr. Yael Helfman Cohen
- Dr. Daphne Haim Langford