| 12:40 | Workshop start |
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| 12:40-12:45 | Brief Introduction, announcements, Florentin Wörgötter |

### *Embodied sensorimotor interaction*

| 12:45-13:15 | Embodied auditory localization: the Lizard ear, Danish Shaikh |
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| 13:15-13:45 | Flora-robotica: plant-robot hybrid collective organisms, Kasper Støy |
| 13:45-14:15 | Behaviour organisation and learning with Dynamic Neural Fields: towards neuromorphic cognitive robots, Yulia Sandamirskaya |

### *Locomotion*

| 14:15-14:45 | Muscular-Skeletal Biped Robots for Understanding Morphological Functions of Human Body Structure, Koh Hosoda |
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| 14:45-15:15 | Legged robot and neuromusculoskeletal model for revealing adaptation mechanism in split-belt treadmill walking, Shinya Aoi |
| 15:15-15:45 | Insect gait mechanism through neuromechanical interaction: A modeling study, Yuichi Ambe |
| 15:45-16:00 | Coffee break |
| 16:00-16:30 | Neural dynamics and synaptic plasticity in a recurrent neural network for complex autonomous behaviors of a biomechanical walking robot, Poramate Manoonpong |

### *Collective behavior*

| 16:30-17:00 | Mixed Reality Experimentation for Multirobot Systems, Nora Ayanian |
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| 17:00-17:30 | Control without Control(ers): How Robots can Learn to Behave with Memory, Florentin Wörgötter |

### *Spotlight 3-5 min talks*

17:30-18:10

- Self-Adaptive Recurrent Neural Networks for Robust Spatiotemporal Processing: from Animals to Robots, Sakyasingha Dasgupta

- TEGOTAE-based decentralized control mechanism underlying myriapod locomotion, Kotaro Yasui

- Design of a Modular Quadruped Robot for Empirically Exploring the Effects of Morphology on the Emergence of Gaits, Mamani Jerome

- Investigation of the Effect of Body Flexibility on Bounding Gait with a Simple Model, Tomoya Kamimura

- Analysis of flock guidance based on the vector field representation, Yuto Sato

- Pheeno, A Versatile Swarm Robotic Research and Education Platform, Sean Wilson

- Collective Sharing of Network Energy and Packet-Relay Task in Wireless Multi-hop Infrastructure, Rui Teng

18:10-18:30          Discussion & closing