



The 2020 International Conference  
on  
**Artificial Life and Robotics**  
**(ICAROB 2020)**  
-25th AROB-

*Young Author Award*

Presented to

*Zhuo Wang*

The 2020 (25th) International Conference on  
Artificial Life and Robotics  
January 13-16, 2020, B-Con Plaza, Beppu, Oita, Japan  
for the Paper titled

*Analyzing the Controllability and Observability of  
Discrete-Time Delayed LTI Systems with  
Data-Based Methods*

January 15, 2020

*Masanori Sugisaka*

**General Chair**  
**Masanori Sugisaka**



The 2020 International Conference  
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**Artificial Life and Robotics**  
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*Young Author Award*

Presented to

*Naruaki Takano, Takashi Kohno*

The 2020 (25th) International Conference on  
Artificial Life and Robotics  
January 13-16, 2020, B-Con Plaza, Beppu, Oita, Japan  
for the Paper titled

*Towards Modeling Cholinergic Modulation for  
Neuromorphic Computing*

January 15, 2020

*Masanori Sugisaka*

**General Chair**  
**Masanori Sugisaka**





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*Young Author Award*

Presented to

*Masato Tsuru, Pierre Gergondet, Tomohiro Motoda, Adrien Escande  
Ixchel G. Ramirez-Alpizar, Weiwei Wan, Kensuke Harada*

The 2020 (25th) International Conference on  
Artificial Life and Robotics  
January 13-16, 2020, B-Con Plaza, Beppu, Oita, Japan  
for the Paper titled

*POMDP-based action planning for the recognition of  
occluded objects with Humanoid robots*

January 15, 2020

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**General Chair**  
**Masanori Sugisaka**



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Presented to

*Katsuaki Suzuki, Yuya Nishida, Takashi Sonoda, Kazuo Ishii*

The 2020 (25th) International Conference on  
Artificial Life and Robotics  
January 13-16, 2020, B-Con Plaza, Beppu, Oita, Japan  
for the Paper titled

*Development of Antagonistic High Power Joint  
Mechanism with Cams*

January 15, 2020

*Masanori Sugisaka*

**General Chair**  
**Masanori Sugisaka**