



The 10th International Conference on Robot Intelligence Technology and Applications

PRESENTS

Best Paper Award Finalist

to

Min-Gyu Kim, Hyun-Bin Kim and Hae-Won Park
(KAIST, Daejeon, Republic of Korea)

for the paper titled

“A*-based Path Planning for Legged Robots”

Griffith University Gold Coast Campus, Australia
December 7 - 9, 2022

A handwritten signature in black ink that reads "H.L. Choi".

Han-Lim Choi
General Chair

Marde Helbig
Program Chair

Hyondong Oh
Program Chair

Jun Jo
General Chair



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PRESENTS

Best Paper Award Finalist

to

Salar Asayesh¹, Mo Chen¹, Mehran Mehrandezh², and Kamal Gupta¹
(¹Simon Fraser University, Canada, ²University of Regina, Canada)

for the paper titled

“Least-Restrictive Multi-Agent Collision Avoidance via Deep Meta Reinforcement Learning and Optimal Control ”

Griffith University Gold Coast Campus, Australia
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PRESENTS

Best Paper Award Finalist

to

Jin Park, Inrae Kim, Jinyoung Suk, and Seungkeun Kim
(Chungnam National University, Republic of Korea)

for the paper titled

**“Energy-efficient Takeoff and Landing Trajectory Optimization
for Urban Air Mobility”**

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Best Paper Award Finalist

to

**Khang Nguyen Duc Quach¹, Zhao Ren², Khiem Vinh Tran^{3,4}, Viet Hung Vu⁵,
Yongsik Chun⁶, Thanh Tam Nguyen¹, and Jun Jo¹**

**(¹Griffith University, Gold Coast, Australia, ²Leibniz University Hannover, Hannover, Germany,
³University of Information Technology, Vietnam, ⁴Vietnam National University, Vietnam,
⁵Hanoi University of Science and Technology, Vietnam, ⁶Korea Aerospace Research Institute)**

for the paper titled

“Short-term Traffic Speed Prediction Using Hybrid LSTM-SVR Model”

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PRESENTS

Best Paper Award Finalist

to

Kyu-Hyo Jeon, Su-Jeong Park, Hyo-Sang Ko, and Han-Lim Choi
(KAIST, Daejeon, Republic of Korea)

for the paper titled

**“Trajectory Auto Encoder: A Self Supervised Representation Learning
Approach Based on Trajectory Data of Guided Missile”**

Griffith University Gold Coast Campus, Australia
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PRESENTS

Best Intelligence Paper Award

to

Ana Vilaca Carrasco¹ and Joao Silva Sequeira^{1,2}

(¹Instituto Superior Tecnico, University of Lisbon, ²Institute for Systems and Robotics, Portugal)

for the paper titled

**“Tuning Path Tracking Controllers for Autonomous Cars
Using Reinforcement Learning”**

Griffith University Gold Coast Campus, Australia

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PRESENTS

Best System Paper Award

to

Cheng-Wei Peng¹, Chen-Chien Hsu¹, Wei-Yen Wang¹, and Sheng-Chung Huang²
(¹National Taiwan Normal University Taipei, , ²Kingwaytek Technology Co., Ltd. Taipei, Taiwan)

for the paper titled

**“Traffic Signal State Broadcasting over C-V2X Communication
Technique for Autonomous Shuttle Service”**

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PRESENTS

Best Student Paper Award

to

Dohyun Kim, Jinwoo Kim, Minwoo Cho, and Daehyung Park
(KAIST, Daejeon, Republic of Korea)

for the paper titled

“Natural Language-Guided Semantic Navigation using Scene Graph”

Griffith University Gold Coast Campus, Australia
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PRESENTS

PeerJ Award

to

Yuta Sato^{1,2}, Yoko Sasaki¹ and Hiroshi Takemura^{1,2}

(¹National Institute of Advanced Industrial Science and Technology, Koto-ku, Tokyo,

²Tokyo University of Science, Noda-shi, Chiba, Japan)

for the paper titled

**“Spatiotemporal Navigation based on Pedestrian Trajectory Prediction
in Dense Crowds”**

Griffith University Gold Coast Campus, Australia

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