

# VTCA 2026

## CALL FOR PAPERS

The 8<sup>th</sup> International Conference  
on Smart Vehicular Technology,  
Transportation, Communication  
and Applications

**November 25-27, 2026**  
**Miyazaki, Japan**



The 8th International Conference on Smart Vehicular Technology, Transportation, Communication, and Applications (VTCA 2026) calls for submissions of technical papers for **Oral** and **Poster** presentations. Submission of **Student Papers** is particularly encouraged.

### Honorary Chairs

- Jeng-Shyang Pan, Nanjing University of Information Science and Technology, China
- Tsuyomu Ikenoue, Kyushu University of Medical Science, Japan
- Hiroshi Sameshima, University of Miyazaki, Japan

### General Chairs

- Thi Thi Zin, University of Miyazaki, Japan
- Liang-Bi Chen, National Penghu University of Science and Technology, Taiwan

### Special Session Organization Chairs

- Ming-Che Chen, National Yunlin University of Science & Technology, Taiwan
- Yu-Cheng Fan, National Taipei University of Technology, Taiwan
- Mong-Fong Horng, National Kaohsiung University of Science and Technology, Taiwan
- Chih-Peng Fan, National Chung Hsing University, Taiwan
- Szu-Yu Kuo, National Kaohsiung University of Science and Technology, Taiwan
- Aaron Raymond See, National Chin-Yi University of Technology, Taiwan
- August Chao, National Penghu University of Science and Technology, Taiwan
- Chia-Hung Hsieh, National Yunlin University of Science and Technology, Taiwan
- Ying-Nien Chou, National Chung Cheng University, Taiwan

### International Coordinators

- Chutima Tantikitti, Prince of Songkla University, Thailand
- Raja Sudhakaran, Vellore Institute of Technology, India
- Chin-Shiuh Shieh, National Kaohsiung University of Science and Technology, Taiwan
- Tien-Wen Sung, Fujian University of Technology, China
- Mie Mie Khin, University of Computer Studies, Yangon, Myanmar
- Saw Sanda Aye, University of Information Technology, Myanmar

### Publication

The conference proceedings will be published in the book series of Lecture Notes in Electrical Engineering by Springer. Normally, papers in this series are indexed by EI and Scopus. The excellent papers presented in VTCA 2026 will be recommended to the SCI indexed journals.

### Contact Us

Email: [info@vtca2026.com](mailto:info@vtca2026.com)  
URL: <https://vtca2026.com>



### Advisory Committee Chairs

- Hiromitsu Hama, Osaka Metropolitan University, Japan
- Pyke Tin, University of Miyazaki, Japan
- Wen-Chung Kao, National Taiwan Normal University, Taiwan
- Hiroki Tamura, University of Miyazaki, Japan

### Technical Program Chairs

- Wan-Jung Chang, National Kaohsiung University of Science and Technology, Taiwan
- Tetsuya Shimamura, Saitama University, Japan
- Aziz Nanthaamornphong, Prince of Songkla University, Thailand

### Publication Chairs

- Jerry Chun-Wei Lin, Western Norway University of Applied Sciences, Norway
- Thi Thi Zin, University of Miyazaki, Japan
- Shu-Chuan Chu, Shandong University of Science and Technology, China

### Local Arrangement Chairs

- Yoshihiro Naka, University of Miyazaki, Japan
- Hisaaki Yamaba, University of Miyazaki, Japan
- Masaru Aikawa, University of Miyazaki, Japan
- Tunn Cho Lwin, University of Miyazaki, Japan

### Important Date

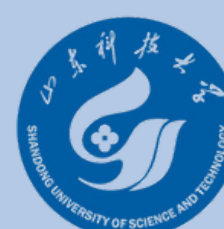
Paper Submission	May 31, 2026
Notification of Acceptance	July 15, 2026
Camera-ready	August 01, 2026
VTCA 2026	November 25-27, 2026

### Paper Submissions

For detailed paper format and submission instructions, please visit the conference website: <https://vtca2026.com>



宮崎大学  
University of Miyazaki



# VTCA 2026

## Welcomes Special Session Proposals

VTCA 2026 invites **Special Session (SS)** proposals on new interdisciplinary topics, except for those already covered in Regular Sessions.

Please fill out the Proposal Form on the conference website or just contact support.

## Regular Session Topics & Keywords

We invite submissions of original research papers for the conference tracks.

**Topics of interest include, but not to limited to,**

### Vehicular Electronics

- Autonomous driving technologies
- Human machine interface (HMI) for smart cars
- In-car electronics and embedded integration
- Vehicle power systems
- Vehicle stability controls

### Genetic Computing

- Genetic Algorithm & Programming
- Genetic-based Machine Learning and Learning Classifier Systems
- Genetic programming performance and behavior
- Hybrid architectures including genetic programming component

### Evolutionary Computing in DX

- Swarm Intelligence and Optimization
- Artificial Intelligence and Decision Support Systems
- Information Fusion and Data mining
- Intelligent Database Systems
- Evolutionary Design and Application
- Evolutionary of tree or graph structures
- Evolutionary Combinational and Multiobjective Optimization
- Evolutionary Strategies, Programming
- Evolutionary Scheduling and Routing
- Bio-informatics, Computational Biology

### Intelligent Transportation Systems and Applications

- Green Transportation Intelligent Computing
- Intelligent Freight Transport, Logistics and Automation
- Advanced Traffic Control and Management
- Driver and Traveler Support Systems
- Electronic Toll Collection and Payment

### Grid Computing

- Grid Management and Task Schedule
- Grid Trust and Security
- Distributed and Parallel Computing
- Distributed Intelligent Processing
- Peer-to-Peer Architecture
- Big Data Analysis and Computing

### Vehicular Networking Security

- Privacy issues in VANETs
- Secure communication in VANETs
- Security in physical layer of VANETs
- Security in protocol layer of VANETs
- Security in application layer of VANETs

### Intersection of Medical Technology, AI, IoT, and Big Data Analysis in Healthcare

- Artificial intelligence theory and practice
- Medical technologies and applications
- Integration of Internet of Things (IoT) and applications
- IoT-enabled medical devices for remote patient monitoring
- Big Data Analytics for Healthcare

### Image Processing and Computer Vision

- Image and Video Analysis
- Pattern Recognition, Deep Learning
- Robot Vision and Action Recognition
- Novel Image Feature Extraction
- Image Understanding and Analysis
- Image Segmentation and Classification
- Biometric Authentication System
- Face and Gesture Recognition System
- Gait Recognition System
- Vision-based Monitoring System
- Multimedia and Applications

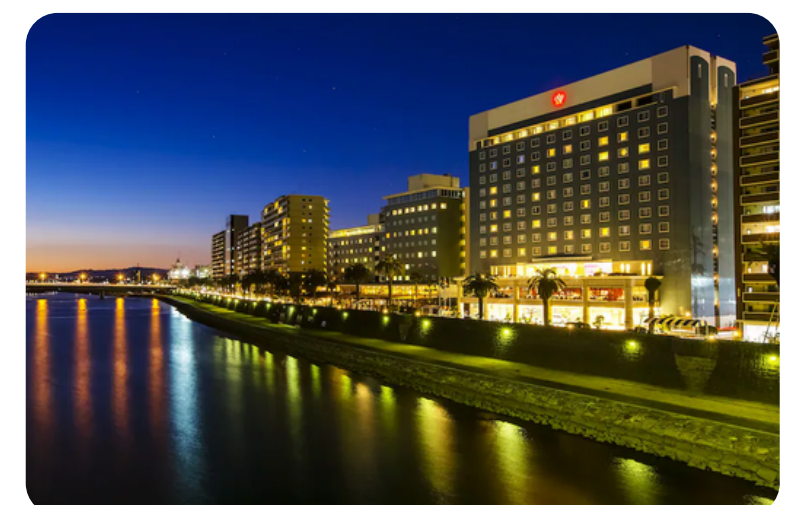
## Conference Venue



Conference Venue

**Miyazaki University Hinata Campus**  
4-5 Nishikimoto-cho, Miyazaki City,  
Miyazaki 880-0818, Japan

## Banquet Venue



Hotel

 **MIYAZAKI KANKO HOTEL**

