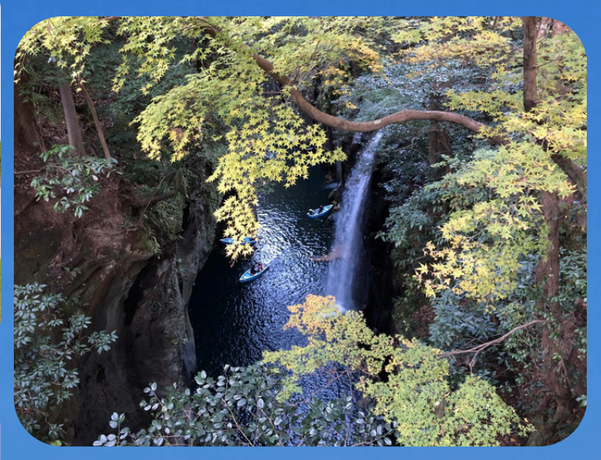
VTCA 2026

CALL FOR PAPERS

The 8th 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
- Tao-Ming Cheng, Chaoyang University of Technology, Taiwan

General Chairs

- Thi Thi Zin, University of Miyazaki, Japan
- Liang-Bi Chen, National Penghu University of Science and Technology, Taiwan
- Shaoquan Ni, School of Transportation and Logistics, Southwest Jiaotong University

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
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

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- Shu-Chuan Chu, Shandong University of Science and Technology, China

Local Arrangement Chairs

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

Important Date

		FINAL EXTENSION
Organized Session Proposal	~~July 20, 2026~~	**August 31, 2026**
Paper Submission	~~August 20, 2026~~	**September 16, 2026**
Notification of Acceptance	~~August 18, 2026~~	**September 14, 2026 (onwards)**
Early Bird Registration	~~August 30, 2026~~	**September 28, 2026**
Camera-ready	~~August 30, 2026~~	**October 07, 2026**
VTCA 2026		**November 25-27, 2026**

Paper Submissions

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

Springer

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

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

Vehicular Networking Security

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

Genetic Computing

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

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

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

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

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

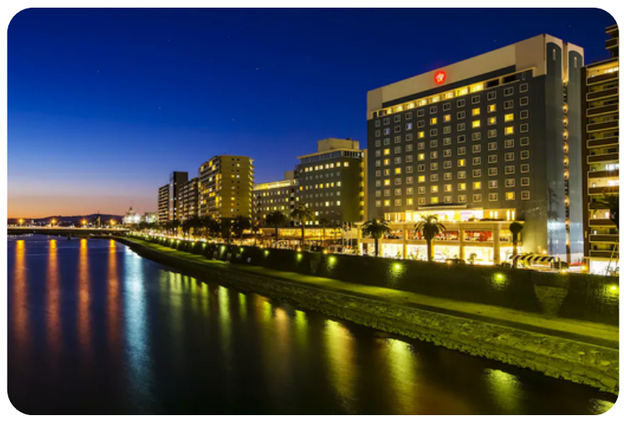
Conference Venue

Conference Venue

Miyazaki University Hinata Campus

4-5 Nishikimoto-cho, Miyazaki City, Miyazaki 880-0818, Japan

Banquet Venue



Hotel

MIYAZAKI KANKO HOTEL