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Editorial Board
Editor
Shunsuke Kamijo…….kamijo@iis.u-tokyo.ac.jp
Associate Editors
Tetsuya Manabe
........................manabe@mnb.ees.saitama-u.ac.jp
Yanlei Gu
..............................guyanlei@fc.ritsumei.ac.jp

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SEND YOUR CONTRIBUTIONS

SOCIETY NEWS

From the Editor
Shunsuke Kamijo

Dear readers, We have the second issue of 2021 fully loaded with interesting information.

President gives us a message in this issue. We publish the conference report of ITSC2020. We have several Call for Nominations. We have an introduction for the ITS Society Educational Activities. We publish an announcement for Cooperative Interactive Vehicles Summer School 2021.

We have CFPs for ITSC and IV conferences coming in 2021. This issue also publishes the list of the forthcoming papers in Transaction on ITS, IV and ITS magazine. For 2021, we add forthcoming papers on Open Journal of ITS in the newsletter.
Dear IEEE ITS Society Members and Friends,

As the world adapts to the new shared reality beyond the pandemic, the ITS society is strategically adjusting its operations to make our conferences, technical and education activities to adapt the ‘new norm’. While our operations are adjusted, our mission to fostering technological innovation and excellence for the benefit of humanity has not wavered. I would like to give you an update on the progress in the areas of membership and technical activities.

ITS Society and IEEE Vehicle Technology Society (VTS) are seeking collaboration in commonly interested areas. As a part of the collective efforts to enhance membership services, ITSS and VTS will offer combined membership of the two societies. VTS deals with a great deal of common and complementary topics of interest, covering the field including the theory and practice of electrical engineering as it applies to Land Transportation, Railroad/Mass Transit, Mobile Communication, Vehicular Electrotechnology Equipment and Systems, and Land, Airborne and Maritime Mobile Services. A combined membership will provide members with the benefits and services from both societies. In 2021, ITSS members will be offered with complementary VTS membership and VTS members will be offered with complementary ITSS membership. An email will be sent to you with a promotion code for this offer. Discount combined membership will be offered in 2022 upon renewal. A letter will be emailed to you later this year detailing the new offer for the 2022 membership year. We would like to encourage you to take this opportunity for combined membership while renewing your membership. ITSS envisions new opportunities and environments to ensure we are reaching our members wherever they are and meeting their transformed needs. We are looking for inputs, suggestions and inspirations from our members for ways to enhance society’s operations and capabilities to enable ITSS to continuously innovate and grow.

The society’s Technical Activities Committee led by Vice President Dr. Yaobin Chen has developed action plans for 2021 to enhance our technical activities through innovative and strategic initiatives, including ‘Industry Meets Academia’ Webinar Series, reorganization of society’s technical activities and collaboration with other professional associations related to ITS. While working on strengthen our existing technical activities, we are looking for proposals from society members for forming new Technical Committees in emerging research and technological areas related to ITS such as IoT in ITS, Smart Cities, Electrified and Autonomous Mobility, and cutting-edge developments, trends and issues aligned with the Society’s field of interests.
ITSS envisions new opportunities and environments to ensure we are reaching our members wherever they are and meeting their transformed needs. We are looking for inputs, suggestions and inspirations from our members for ways to enhance society’s operations and capabilities to enable ITSS to continuously innovate and grow.

Wei Bin Zhang
President, IEEE ITS Society
Conference Report

2020 IEEE International Conference on Intelligent Transportation Systems (Virtual Conference)

1. Short introduction of ITSC 2020

The 23rd IEEE ITSC was planned to be held on 20-23 September 2020 in Rhodes, Greece, for which a traditional physical event was in an advanced stage of preparation. However, due to COVID-19, during the spring the decision had to be taken to organize the conference as an online event instead. This substantial change of format required a complete re-organization of the event. It was the first time in history that IEEE ITSC was virtual.

IEEE ITSC 2020 aims at involvement of international participants from industry, academia and authorities, to share their knowledge and experience with respect to recent developments in theory, analysis, simulation and modeling in the domain of Intelligent Transportation Systems, as well as concerning recent Field Operational Tests and deployments in this domain.

This international conference covered relevant technical topics such as: intelligent vehicles; smart mobility; autonomous and cooperative systems; products and services; C-ITS; modelling, control and simulation algorithms and techniques; ICT; air, road, rail, waterways transportation network and systems; field trials, tests and deployment; logistics and supply chain; sensor technologies; big data and naturalistic datasets; traffic control and management; deep learning and artificial intelligence; security, privacy and safety systems; and human factors and behavioral modeling.

2. Organization

2.1 Committees

We would like to acknowledge all volunteers of the International Program Committee (around 230 Associate Editors and 1490 Reviewers; see: www.ieee-itsc2020.org/international-program-committee/), and the members of the Organizing Committee and the Awards Committee, for their substantial contributions to the conference organization, the review process, the program preparation, the selection of the best papers, and chairing the sessions. The conference was scientifically, technically and financially successful due to the great efforts of all these volunteers.
The main committee members were:

- General Chair: Dr. Evangelos Mitsakis, Greece
- Program Chair: Dr. Meng Lu, The Netherlands
- Program Co-Chairs: Prof. Yibing Wang, P.R. China | Prof. Matthew Barth, U.S.A.
- Financial Chair: Dr. Josep Maria Salanova Grau, Greece
- Publications Co-Chairs: Prof. Kazuya Takeda, Japan | Prof. Eleni Vlahogianni, Greece
- Special Sessions Chair: Prof. Constantinos Antoniou, Germany
- Workshops & Tutorials Chair: Prof. George Yannis, Greece
- Industry Engagement Co-Chairs: Tim Leinmüller, Germany | Dr. Nobuyuki Ozaki, Japan
- Local Chairs: Dr. Evangelos Bekiaris, Greece | Dr. Georgia Aifadopoulou, Greece
- Senior Advisors: Prof. Ljubo Vlacic, Australia | Prof. Miguel Ángel Sotelo, Spain | Wei-Bin Zhang, U.S.A. | Dr. Javier Sanchez Medina, Spain
- Organizing Assistants: Charis Chalkiadakis, Greece | Dimitris Tzanis, Greece

We also would like to especially acknowledge the following research associates of CERTH-HIT (see the names and photos below), who have chaired the online sessions. In addition to CERTH-HIT, also Zhejiang University (especially Prof. Yibing Wang, Dr. Simon Hu, Dr. Lihui Zhang, Dr. Yongfu Li, and Dr. Jingqiu Guo) and Tsinghua University (especially Dr. Jianqiang Wang and Dr. Shengbo Li) provided kind support to the paper review process which was finalised well in time.

### 2.2 Online Social Events

Although there were no normal networking opportunities due to the virtual character of the event (such as
Conference Reception, Gala Dinner and Farewell Party), IEEE ITSC 2020 offered various online social events, on topics such as yoga, and art and architecture in Ancient Greece, and performance of Greek music.

Yoga Lessons, by Alexandra Rossopoulou

Lesson on Art and Architecture in Ancient Greece, by Apostolia Demertzi
2.3 Patrons

Due to its virtual set-up, it was not easy to acquire patrons for the conference. ITSC 2020 appreciated the kind support it received from its patrons, not only financially, but also through the technical contents that they brought to the conference: CERTH-HIT, Aimsun, and IEEE Future Networks - Enabling 5G and Beyond (IEEE FNI).

3. Scientific and Technical Knowledge Exchanges

3.1 Scientific Papers

A total of 939 initial paper submissions were received, including Regular Papers, Special Session Papers and Workshop Papers. After peer review, 570 papers were accepted, including 494 Regular Papers, 67 Special Session Papers and 9 Workshop Papers. All these accepted papers received an AE (Associated Editor) ranking of B-, B, or B+. The paper acceptance rate was 60.8%. Around 222 AEs and 1487 reviewers contributed to the peer review. The AE score for each submitted paper was determined based on at least two review results. Possible cases of plagiarism were very carefully examined and double-checked by the AEs and the Program Chair, not only just based on the similarity score, but especially also based on the
comparision of the similarity in the main content.

Fortunately, the online character of the conference did not have a considerable negative impact on the number of final submissions. In total 557 qualified final versions were received, including 484 Regular Papers, 67 Special Session Papers and 6 Workshop Papers. This means that for 98% of the accepted papers a final version was submitted, which is a very good record.

The overall scientific and technical quality of the papers and presentations (see also the review procedure above) was at a high level. For quality control, the Program Chair also randomly checked the changes in the final submissions compared with the initial one, to make sure that all the comments of the reviewers and AEs were properly taken into account. The ITSC 2020 Award Committee, supported by the chairs of the sessions, decided to grant the authors of three papers a Best Conference Paper Award (one First, one Second and one Third Prize); the lead student authors of four papers an IEEE ITSC 2020 Best Student Paper Award (one First, one Second and two Third Prizes); and five speakers a Best Presentation Award (one First, two Second and two Third Prizes). There was a substantial interest of conference participants in this international competition, as ITSC 2020 received 44 nominations for the paper awards. All speakers are acknowledged for the great effort they have taken to carefully prepare and pre-record their presentations, which substantially contributed to the successfullness of the virtual conference.

3.2 Keynotes, Workshops, Sessions and Tutorials

IEEE ITSC 2020 had 663 registered participants, which can be considered very high for a virtual event. The conference attracted around 700 attendees. Five Plenary Sessions, 19 Workshops, 97 Regular Sessions, 15 Special Sessions and 2 Tutorials were organized. IEEE 2020 President Prof. Toshio Fukuda gave a speech at the Closing Ceremony of the conference.

Keynotes were given by four distinguished speakers:

Dr. Evangelos Bekiaris
Dr. Jack Weast
Dr. Georgia Ayfantopoulou
Prof. Nikolas Geroliminis
The keynote presentation titles are:

- **Towards the Deployment of Connected and Cooperative Automated Mobility**, by Dr. Evangelos Bekiaris, Director General, Hellenic Institute of Transport (HIT) – Centre for Research and Technology Hellas (CERTH)
- **Metrics, Methods and Assumptions: The State of the State of AV Safety Assurance**, by Dr. Jack Weast, Sr. Principal Engineer at Intel and VP Autonomous Vehicle Standards at Mobileye
- **The Future of Urban Mobility and City Logistics after COVID-19**, by Dr. Georgia Aytantopoulou, Deputy Director and Research Director, Hellenic Institute of Transport (HIT) – Centre for Research and Technology Hellas (CERTH)
- **Hierarchical Large-Scale Control for Heterogeneously Congested Urban Networks**, by Prof. Nikolas Geroliminis, École Polytechnique Fédérale de Lausanne (EPFL)

During the conference, 558 presentations were given. To ensure quality and to avoid issues due to technical problems, papers presented at Regular Sessions and Special Sessions were (required to be) pre-recorded (121 hours). Around 43 volunteers chaired and co-chaired the sessions and workshops. All sessions and workshops were recorded for sharing with registered participants who were not be able to attend due to time zone differences. This is the first time for most ITSC 2020 Committee members to have organized a virtual event. We have investigated possible facilities, re-arranged the program taking into account the locations of the speakers, collected lessons learned from other similar events, and consistently tried to improve the organization and the program. The feedback from attendees was very positive.

Topics of the Workshops:

- Deep Reinforcement Learning for Traffic Signal Control
- Smart Public Transportation Systems
- Transportation 5.0: Big Data, Super Computing and Artificial Intelligence Technologies for ITS
- Network Impacts of Emerging Mobility Trends
- Advanced Cybersecurity Approaches for Connected, Automated and Electric Vehicles
- How to Use AIMSUN Next for ITS Applications
- Collaborative Transportation
- Collaborative and Federated Deep Learning for Autonomous Driving
- Traffic Management for Future Mobility – CAVs in a Mixed Traffic Environment
- Smart Initiatives to Improve Last-Mile and 50 Feet Logistics to Improve Freight Fluidity
- Testing and Evaluating Connected and Automated Vehicles Using Emerging Simulation Technologies
- Probabilistic Prediction and Comprehensible Motion Planning for Automated Vehicles – Approaches and Benchmarking
- Basic Applications of the SUMO Microscopic Traffic Simulator
- Automated Vehicle Safety: Verification, Validation and Transparency
- Towards Fully-Automated World-Wide Mapping for HAD
Cooperative and Automated Driving
Self-Awareness Advances in Heterogeneous Autonomous Systems
Automated and Connected Transportation Systems: Modeling, Control and Deployment
Application of Multi-Sensor Fusion Technology for Autonomous Driving

Topics of the Special Sessions:
- Decision Making in Autonomous Driving
- Smart Railway – High-Speed
- Modeling, Simulation and Control for Mass Transit
- Solving the Automated Vehicle Safety Assurance Challenge
- Intelligent Public Transport
- Advanced Network Modeling and Computing Solutions for Electric Mobility Systems
- Beyond Traditional Sensing for Intelligent Transportation
- Control, Communication and Emerging Technologies in Smart Rail Systems
- Data Driven Optimization and Predictive Modeling for Smart Cities
- Navigation and Localization for Intelligent Transportation Systems
- Next Generation Traffic Management for Connected, Cooperative and Automated Mobility
- V2X-Based Intelligent Decision-Making and Control

Regular Sessions had a wide coverage of topics in the ITS domain, such as:
- Advanced Vehicle Safety Systems
- Automated Vehicle Operation, Motion Planning, Navigation
- Data Mining and Data Analysis
- Data Management and Geographic Information Systems and Data Processing Techniques
- Driver Assistance Systems
- Cooperative Techniques and Systems
- Human Factors in Intelligent Transportation Systems
- Sensing, Vision, and Perception
- Theory, Simulation and Modeling
- Theory and Models for Optimization and Control
- Multi-Autonomous Vehicle Studies, Models, Techniques and Simulations
- Commercial Fleet Management
- Public Transportation Management
- Travel Behavior under Intelligent Transportation Systems
- Travel Information, Travel Guidance, and Travel Demand Management
- Communications and Protocols in Intelligent Transportation Systems
- Incident Management and Management of Exceptional Events
- Roadside and On-Board Safety Monitoring
- Sensing and Intervening, Detectors and Actuators
ITS Field Tests and Implementation
ITS Policy, Design, Architecture, Standards and Security
Road Traffic Control
Modeling, Simulation, and Control of Pedestrians and Cyclists
Multi-Modal Intelligent Transportation Systems
Network Modeling and Management
Ride Matching and Reservation
Rail Traffic Management
Intelligent Logistics

Two Training Seminars were organized:

- AIMSUN Training Seminar on "How to use AIMSUN Next for ITS applications” – This seminar focused on the use of the AIMSUN Next traffic simulator and on evaluating the application of different traffic management strategies and policies. Also, the AIMSUN Next Training Seminar aims to provide further insight into the application and evaluation of Intelligent Transportation Systems by using the AIMSUN Next traffic simulator. AIMSUN Next allows you to carry out traffic operations assessments of any scale and complexity. The applications are: e.g. Assessment and optimization of Transit Signal Priority (TSP) and Bus Rapid Transit (BRT) schemes, Feasibility studies for High Occupancy Vehicle (HOV) and High Occupancy Toll (HOT) lanes, Impact analysis of infrastructure design such as highway corridor improvement/construction, Environmental impact analysis, Toll and road pricing, Evaluation of travel demand management (TDM) strategies, Signal control plan optimization and adaptive control evaluation, Safety analysis, Evaluation of Variable Speed policies, Highway Capacity Manual (HCM) analysis, Workzone management, and Evaluation of the impact of connected and automated vehicles

- SUMO Training Seminar on "Basic applications of the SUMO microscopic traffic simulator” – This is a basic tutorial for beginners and people who want to get an introduction to the work flow of Simulation of Urban MOBility (SUMO), and microscopic traffic simulation in general. SUMO is an open source, highly portable, microscopic road traffic simulation package designed to handle large road networks. SUMO has been extensively applied in different projects related to network performance, traffic assignment, vehicle routing, traffic impact analysis, traffic emission, V2X, and other diverse traffic scenarios. In addition to conventional vehicles, electric vehicles can also be considered and analyzed in SUMO. Different parking activities, such as searching for parking lots, driving to the pre-assigned parking space, can be simulated with SUMO. Moreover, SUMO can simulate pedestrians, bicycles, and their interaction with vehicles in order to present various traffic-related activities in cities.

The overall impression of the workshops, sessions, and tutorials is that they were good in content and quality. Workshops, especially the ones with a high number of industry participants, received a very positive feedback from attendees. Special sessions and regular sessions were very well organized. The tutorials were considered very informative and useful for the participants. See below some screen-copies.
20-23 September 2020 (online)
### 3.3 Statistics of IEEE ITSC 2020

<table>
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<tr>
<th>Papers Submitted</th>
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<th>Acceptance Rate</th>
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4. Conclusion

ITSC 2020 provided all participants with a unique opportunity to extend knowledge, to generate new ideas, and to establish or strengthen valuable contacts. We sincerely thank all the ITSC 2020 Committees members and other volunteers for their substantial efforts to make this virtual conference a success. For more information about IEEE ITSC 2020, see: https://www.ieee-itsc2020.org/

Due to COVID-19, we could not meet in Rhodes, Greece. Hopefully we will meet again in person at future ITS activities, and maybe we will once have a chance to visit this beautiful Greek island.

General Chair
Dr. Evangelos Mitsakis (CERTH-HIT, Greece)

Program Chair
Dr. Meng Lu (PEEK/Dynniq, The Netherlands)
NEW!

- Course: Robustness Analysis of Systems
- IEEE Continuing Education (CEU) Certificates
ITS Podcast New Episodes and Information

**ITS Podcast Episode 62:**
Autonomous Golf Cart as a Multidisciplinary Course

Welcome back to ITS Podcast.

Let us start our 62nd episode with news mini section by Baris, He will cover some exciting news about autonomous vehicles in transportation.

We have Haluk with a book review. He has chosen a book: *Regulation of Commercial Space Transport The Astrocizing of ICAO*, the book is written by Ruwantissa Abeyratne and published by Springer in 2015. Since we are focusing on Intelligent Transportation, knowing this new mode of transport can be remarkably interesting.

In this episode we had an opportunity to have a dialogue with Professor Nathan Sprague, from James Maddison University and ask him some questions about his research topic and achievements.

*Dear Listeners, either you are a researcher in Intelligent transportation field or are just interested, don’t hesitate to contact us, we are recruiting volunteers and your help will be highly appreciated. Contact us on our email at: itsspodcast@gmail.com Or just simply message us on any of our social media.*

This podcast is sponsored by IEEE intelligent transportation system society.
Peer reviews are essential to ensure that submitted papers meet the journal requirements. With the significant increase in scientific paper submissions in the past ten years it is essential to have volunteers that help to fulfil the peer review process for submitted manuscripts.

Today the IEEE Open Journal of Intelligent Transportation Systems (OJ ITS) recognizes three individuals who have provided exemplary assistance to our journal during the previous year. This assistance is not only based on the number of reviews but also in terms of quality of the review and timeliness. In addition, it is not only the feedback for the authors that make those review outstanding, it is also the productive advice for the editors that enables a fast and good decision making.

We are very grateful for the excellent reviews and contributions each of the reviewers provided for the authors who submitted to the OJ ITS in 2020. Based on our ranking of the reviewers of OJ ITS, we are delighted to present the OJ ITS Outstanding Review Award, officially signed by the Vice President of Publications of the IEEE ITS Society Petros Ioannou and Bart van Arem, to the following recipients:

Claudia Campolo, University Mediterranea of Reggio Calabria, Italy

Claudia Campolo is an Associate Professor at University Mediterranea of Reggio Calabria, Italy. She received a Laurea degree in Telecommunications Engineering (2007) and a Ph.D. degree (2011) from the same University. Her main research interests are in the field of vehicular networking, 5G, and future Internet architectures. For Claudia reviewing is not only a job that needs to be done, it is also a chance to enhance her own knowledge about a specific topic: “A review is always an opportunity to know something new: an approach, a methodology, a research topic and critically analyze them. Performing review allows above all to make questions, an ability that a researcher has to build and train during her/his entire career so to feed his/her curiosity.”

Yunyi Liang, Tongji University, China

Yunyi Liang has been a postdoctoral researcher since December 2019, in Communication and Transportation Engineering at Tongji University, Shanghai, China, where he pursued his doctoral degree from September 2014 to September 2019. Yunyi’s research has strived to contribute to safe, efficient, sustainable, and comfortable transportation systems which are important parts of Smart Cities. His research interests include data-driven optimization and control of transportation systems with CAVs, and machine learning. He is the Principal Investigator (PI) of a National Science Foundation of China (NSFC) for Young Scientists Project and a Shanghai Super Postdoctoral Research Project.

For Yunyi there are essential points that make a good review: “In my opinion, a good review should precisely summarize the main contributions and the main shortcomings of the article to strongly support the editor in making the decision. Also, a good review should give clear comments to the authors so that they will be convinced on the decision and is able to improve the manuscript.”
Yi Guo is a senior research associate at the department of aerospace engineer & engineering mechanics at the University of Cincinnati. He received is Ph.D. degree in Management Information System. In his current research he is focusing on connected and automated vehicles, intelligent transportation systems (ITS), AI and advanced applications in transportation, and traffic system modeling, simulation and optimization (e.g., trajectory optimization, signal optimization).

The reason why Yi Guo is volunteering for the time-intensive review process is that he became a lot of constructive and positive feedback for his own manuscripts from other peer reviewers: “I appreciated the reviewers’ efforts in helping me to improve the quality of my research, and this experience let me consider volunteering for review to help others as I received from others. It is also a kind of contribution to building a better community for the reviewers, and I would like to share my humble effort in this field, while the IEEE OJ ITS provides a great platform and opportunities for the ITS community.”

The IEEE Open Journal of Intelligent Transportation Systems covers theoretical, experimental and operational aspects of electrical and electronics engineering and information technologies as applied to Intelligent Transportation Systems (ITS), defined as those systems utilizing synergistic technologies and systems engineering concepts to develop and improve transportation systems of all kinds.

Our goal is to publish quickly—the rapid peer review process is targeting a publication time frame of 10 weeks for most accepted papers. This journal is fully open and compliant with funder mandates, including Plan S. OJ-ITS is listed in the Directory of Open Access Journals, https://doaj.org/. In Spring 2021, we expect to have accumulated the paper management and publication history needed to submit our formal application for an index in Scopus. Upon successful application at Scopus, all published papers in 2020 and onward will become visible in Scopus.

For further information check our website: https://www.ieee-itss.org/oj-its
Call for Nominations

The 2018–2020 George N. Saridis Best Transactions Paper Award

This is a call for nominations for the 2018–2020 George N. Saridis Best Transactions Paper Award of IEEE Transactions on Intelligent Transportation Systems.

Award Criteria:

All papers published in the IEEE Transactions on Intelligent Transportation Systems during the three calendar years preceding the year of the award. This call for nomination is to recognize the best regular papers, and survey papers published in the IEEE Transactions on Intelligent Transportation Systems between January 2015 and December 2019. The paper publication date is determined by the journal volume date (not the online publication date).

Selection:

For regular papers and survey papers, respectively, the following selection process will be conducted: (1) Top 10 most-cited papers according to Google Scholar, plus any papers solicited or nominated through the open call for Candidate Papers. (2) The Award Committee is responsible for organizing the review process to select 2-3 papers as the Finalist Papers from the Candidate Papers. (3) The Award Committee will decide the Best Papers from the Finalist Papers.

Nomination Process:

For nominated papers, please send the nomination letter (no more than one page) to: ieeeetitsawards@gmail.com. The nomination letter should include the statement on why this paper is nominated including its major contributions and significance.

Call for Nominations

The 2010-2019 Top 10 Research Papers of the IEEE Transactions on Intelligent Transportation Systems

This is a call for nominations for the Top 10 Research Papers of the IEEE Transactions on Intelligent Transportation Systems.

Award Criteria:

The Top 10 Research Papers will be based on the originality, citations, impact, importance, technical content and insights of the regular papers. Any research papers published in the IEEE Transactions on Intelligent Transportation Systems (issue dates from January 2010 to December 2019) is eligible for nomination.

Selection:

For the top 10 research papers, the following selection process will be conducted: (1) Top 20 most-cited research papers according to Google Scholar, plus any research papers solicited or nominated through the open call for Candidate Papers. (2) The Award Committee is responsible for organizing the review process to select 15 papers as the Finalist Papers from the Candidate Papers. (3) The Award Committee will decide the top 10 research papers from the Finalist Papers.

Nomination Process:

For nominated papers, please send the nomination letter (no more than one page) to: ieeetitsawards@gmail.com. The nomination letter should include the statement on why this paper is nominated including its major contributions and significance.

Call for Nominations

The 2010-2019 Top 5 Survey Papers of the IEEE Transactions on Intelligent Transportation Systems

This is a call for nominations for the Top 5 Survey Papers of the IEEE Transactions on Intelligent Transportation Systems.

Award Criteria:

The Top 5 Survey Papers will be based on the originality, utility, timeliness, impact, technical content and insights of the review/position papers. Any review/position papers published in the IEEE Transactions on Intelligent Transportation Systems (issue dates from January 2010 to December 2019) is eligible for nomination.

Selection:

For the top 5 survey papers, the following selection process will be conducted: (1) Top 15 most-cited papers according to Google Scholar, plus any papers solicited or nominated through the open call for Candidate Papers. (2) The Award Committee is responsible for organizing the review process to select 10 papers as the Finalist Papers from the Candidate Papers. (3) The Award Committee will decide the top 5 survey papers from the Finalist Papers.

Nomination Process:

For nominated papers, please send the nomination letter (no more than one page) to: ieeetitsawards@gmail.com. The nomination letter should include the statement on why this paper is nominated including its major contributions and significance.

IEEE Transactions on ITS (IEEE T-ITS) seeks qualified editors

The IEEE Transactions on Intelligent Transportation Systems (IEEE T-ITS) is one of the IEEE ITS Society's flagship publications with a high Impact Factor of 6.319. Due to its outstanding quality, reputation, and technical strength, the transaction has been growing significantly with very high demand.

The transaction is currently looking for highly qualified experts in all ITS areas, particularly from Underrepresented and Female colleagues, to serve as Associate or Senior Editors. Besides demonstrated outstanding qualifications in this field, a minimum of five years (preferably more) post-PhD experience and prior review and editing experience with comparable journals or conferences are required for the Associate Editors. Whereas all applicants are welcome, please note the transaction has an extensive list of accomplished editors and currently is only looking for experts from these particular demographics to enhance its editorial board's quality and diversity.

To be considered for editorship, please submit a brief biographical sketch or resume to Ms. Miriam Snyder, the Editorial Assistant of the transaction at ieeeitstransactions@gmail.com, indicating your relevant experiences to ITS and its related fields.
Cooperative Interactive Vehicles

Summer School 2021 → 2022

Lake Tahoe, California, USA

Announcement

Due to the current pandemic situation and forecast, the organizers are sorry to announce that the third edition of the Cooperative Interacting Vehicles Summer School in California, on the beautiful lake Tahoe, planned from August 1st to August 4th, 2021, has to be postponed to 2022. We have set the new dates as August 1-4, 2022, at the same location.

The Summer School on “Cooperative Interacting Vehicles” aims at gathering Ph.D. students and Young Professionals from Universities and Research Institutions for tutorials, keynotes, poster presentations and interactive workshop sessions on

- Cooperative Perception
- Cooperative Motion Planning
- Implicit & Explicit Interaction

It is jointly organized by MINES ParisTech (PSL University, France), Karlsruhe Institute of Technology (KIT, Germany) and UC Berkeley (USA). We gratefully acknowledge support from the Priority Program “Cooperative Interacting Automobiles” of the German Science Foundation (DFG), the IEEE Intelligent Transportation Systems Society (ITSS) and the International Research Chair Drive for All (MINES ParisTech).

Please book the date. The Summer School will provide housing, lunches and dinners in addition to the sessions; a bus service will optionally be offered (depending on demand) from Berkeley (that is easily reached by public transport from airports or downtown San Francisco). Instructions will be disclosed when the CIV 2022 website is up. There will be a phase of application to select participants: there are about 100 places this year. You can have a look at the website of the 2018 edition civ2018.org.

We are looking forward to a fruitful and inspiring event.

Dr. Wei-Bin Zhang (UC Berkeley)
Prof. Christoph Stiller (KIT)
Prof. Arnaud de La Fortelle (MINES ParisTech)
Introduction
FAST-zero’21 will be held in Kanazawa, a historical place of Japan after the successful 5th symposium in Blacksburg, Virginia. Following the tradition of FAST-zero symposia, we will bring together researchers and engineers from industry and academia to present the current state-of-the art and progress in research and development of active safety technologies.

Innovation in the field of active safety is the key driving force towards the ultimate goal of realizing zero traffic-accidents. Researchers around the world have been investigating methods for active safety to reduce and possibly eliminate the number of traffic accidents as well as road fatalities. Especially, automated and connected vehicles have the potential to enhance safety through new sensors, dynamic map, artificial intelligence and other technologies that have experienced a great improvement in the last years. The organizers are looking forward to your contribution and to seeing you at FAST-zero’21.

Organized by
FAST-zero’21 Organizing Committee of the Society of the Automotive Engineers of Japan, Inc. (JSAE)

In Association with
- International Federation of Automotive Engineering Societies (FISITA)
- International Association of Traffic and Safety Sciences (IATSS)
- International Federation of Automatic Control, Technical Committee on Automotive Control (IFAC)
- Ishikawa Prefecture
- ITS-Japan
- Japan Society of Mechanical Engineers (JSME)
- Society of Instrument and Control Engineers (SICE)

Organization
General Chair:
Y. Suda (Univ. of Tokyo)

Organizing Committee
H. Yoshida (NDA): Chair
M. Aga (Toyota Motor) T. Akita (Toyota Tec. Inst.)
K. Abe (SUBARU) M. Abe (Kanagawa Inst. of Tech.)
T. Ito (Shibaura Inst. of Tech.) H. Inoue (Kanagawa Inst. of Tech.)
H. Inoue (Kanagawa Inst. of Tech.) H. Inou (DENSO)
M. Imamura (Hitachi AMS) S. Oosaki (ADVICS)
Y. Omoda (JARI) M. Shino (University of Tokyo)
T. Shimizu (Toyota CRDL) F. Sugawara (TUAT TLO)
T. Sugano (Mazda Motor) K. Suzuki (Kagawa Univ.)
M. Suzuki (Akebono Brake) M. Segawa (Advanced Smart Mobility)
N. Tanaka (NALTEC) S. Doi (Kagawa Univ.)
Y. Toujou (Suzuki Motor) M. Nagai (JARI)
K. Maeda (Hitachi) T. Koyamash (Bridgestone)
K. Maeda (Hitachi) Y. Fujimaki (Isuzu Adv. Eng. Center)
Y. Furukawa (Shibaura Inst. of Tech.) M. Maeda (Mitsubishi Motor)
Y. Marumo (Nihon Univ.) Y. Mikuriya (Nissan Motor)
C. Miyajima (Daido Univ.) T. Miyamoto (Hino Motor)
H. Mouri (TUAT) S. Yamada (Honda R&D)
T. Yamawaki (Kanazawa Univ.) K. Yoshimoto (University of Tokyo)
P. Raksincharoensak (TUAT)

Local Organizing Committee
N. Suganuma (Kanazawa Univ.): Chair

Call for Papers
Prospective authors intending to present their research at FAST-zero’21 symposium should select one of three following categories for paper submission.

a. Scientific paper
Scientific paper is the traditional style of FAST-zero symposia proceedings, containing minimum 4-page paper (up to 6 pages) for final submission. For authors who wish to publish their research works in international peer-reviewed journals, we recommend the authors submit the revised manuscripts to “International Journal of Automotive Engineering (IJAE)” published by JSAE. The peer review process will be conducted after the symposium.

b. Industrial/Technical paper
Industrial/Technical paper requires less technical details than Scientific paper to lighten the workload in preparing the manuscripts for industrial engineers. Typically, 2-page paper is required for submission.

c. Invited presentation (Organized Session)
This category is opened for organizers of research projects related to symposium topics. Prospective organizers should indicate the session title, the session description, the expected number of potential speakers (the list of speakers, if possible). The speakers will present at the symposium without requiring paper submission.

Important Dates
Deadline for abstracts: March 31, 2021
Notification of acceptance: April 30, 2021
Deadline for Organized session: April 30, 2021
Deadline for full papers: July 16, 2021
Deadline for author registration: July 16, 2021

International Scientific Committee
P. Raksincharoensak (Japan): Chair
S. Byttner (Sweden) S. Dö (Japan)
Y. Furukawa (Japan) T. Furukawa (USA)
H. Clay Gabler (USA) J. Hansen (USA)
R. Henze (Germany) H. Inoue (Japan)
M. Itoh (Japan) S. Kitazaki (Japan)
D. Lechner (France) K. Li (China)
S. Eben Li (China) M. Lidberg (Sweden)
C. Miyajima (Japan) B. Morris (USA)
H. Mouri (Japan) M. Nagai (Japan)
O. Pion (Germany) S. Schneider (Germany)
M. Shino (Japan) K. Suzuki (Japan)
H. Tadje (Germany) T. Wada (Japan)
H. Winner (Germany) K. Yi (Korea)
H. Yoshida (Japan)
Symposium Topics
FAST-zero’21 topics will cover the wide range of active safety technology topics including but not limited to:
- On-Board Sensing Active Safety System
- Autonomous Driving Technology & Driver Assistance Systems
- Vehicle Dynamics Control
- Vehicular Sensors and Environment Perception
- Communication-Based Active Safety System
- Connected Vehicles & Cooperative Driver Assistance System
- ITS and ICT for Safety Applications
- Driver Characteristics and Human Factor
- Driver Monitoring
- Driver Behavior Modeling
- Driver Assessment and Training
- Cooperation between Driver and Assistance Systems
- Human Machine Interface
- Active Safety Testing Method and Assessment
- Safety Impact Assessment of Active Safety Devices
- Driving Simulator
- Modeling and Simulation
- Field Operational Test
- Other Related Topics on Active Safety

Official Language for Papers & Presentations
The official language of the symposium for both paper and presentation is English. Oral presentation will be made in parallel sessions during the symposium. Presentation will be limited to 25 minutes, including a 10-minute question-and-answer session. All contributed papers will be published in the FAST-zero ’21 proceedings.

Paper Submission
Prospective authors are requested to submit an extended abstract in English, describing the problem definition, method and results expected or obtained. This should include figures and tables and is limited to two pages (A4) for scientific paper, or one page (A4) for industrial paper. PDF format is preferable. Authors should pre-register on the symposium website in order to submit an extended summary. The submitted summaries will be reviewed by the international scientific committee members. Successful authors will be required to submit a full paper, limited to 6 pages (min. 4 pages) for scientific paper, or 2 pages (up to 3 pages) for industrial/technical paper. Paper Submission site: http://www.fast-zero21.info/

At least one author for scientific/industrial paper must register and pay the symposium registration fee before the electronic submission of full paper. Accepted full papers with registered author(s) will be published in Symposium Proceedings.

Awards and Journal Publication
Best papers will be awarded, nominated by a panel of the FAST-zero international scientific committee. Outstanding papers selected by the committee will be recommended for publication in IJAE of JSAE.

Registration
All delegates, including those presenting papers, are expected to register for the symposium. Registration includes the symposium proceedings, book of abstracts, attendance at all plenary and technical sessions, refreshments, welcome reception and FAST-zero party.

Symposium Venue
The symposium will be held at the Kanazawa Chamber of Commerce and Industry, near Kanazawa Castle Park. The venue can be reached by bus within about 10 minutes from JR-Kanazawa station.
Address: Oyama-machi, Kanazawa-city, Ishikawa 920-8039, Japan

Correspondence
All inquiries and proposals concerning the symposium should be addressed to FAST-zero’21 Secretariat:
E-mail: fast-zero21@jtbcom.co.jp

First Announcement
and Call for Papers
FAST-zero ’21
6th International Symposium on Future Active Safety Technology Toward zero traffic accidents
Sep. 27 to Oct. 1, 2021
Kanazawa, Japan at the Kanazawa Chamber of Commerce and Industry
Deadline for Abstracts: March 31, 2021
URL: https://www.fast-zero21.info/
E-mail: fast-zero21@jtbcom.co.jp

Organized by
FAST-zero’21 Organizing Committee,
Society of Automotive Engineers of Japan, Inc. (JSAE)

In Association with
Patronage of
FISITA
SICE
If FAST-zero’21 cannot be held in Kanazawa, the symposium will be held via Web conference.
Call for Papers

32nd IEEE Intelligent Vehicles Symposium

JULY 11-15, 2021
(Tentative)
NAGOYA UNIVERSITY
NAGOYA, JAPAN

Important Dates
- February 1, 2021
  Paper submission deadline
- April 5, 2021
  Paper acceptance notification
- May 10, 2021
  Camera-ready upload deadline

Authors are invited to submit papers that fall into the area of intelligent vehicles. The topics of interest include but are not limited to the following:

- Advanced driver assistance systems
- Advanced sensing and recognition
- Artificial intelligence
- Automated vehicles
- Connected vehicles
- Cognition and control
- Driver monitoring
- Human factors
- Intelligent electrified vehicles
- Navigation and localization systems
- Policies and regulations for intelligent vehicles
- Vehicle dynamics and control
- Vehicle hardware/software systems
- Vehicle on-board diagnostics
- Vehicular signal processing

iv21@intergroup.co.jp https://2021.ieee-iv.org/
In addition to exciting technical symposia, panels and exhibitions, IEEE IV 2021 will feature a series of half and full-day workshops/tutorials. Accordingly, we invite the submission of workshop/tutorial proposals. The aim of the conference workshops/tutorials is to emphasize emerging topics not specifically covered in the main symposia. Workshops/tutorials should highlight current topics related to technical and business issues in communications and networking, and should include a mix of regular papers presentations, invited keynote speeches, and panels that encourage the participation of attendees in active discussion.

WORKSHOP/TUTORIAL PROPOSAL FORMAT
Each proposal (max. 5 pages) should include (please follow the following order in your proposal):

- Title of the workshop/tutorial
- Organizers (names, affiliation, and contact information)
- Scope and topics (max 1 page)
- Rationale (max 1 page)
  - Why is the topic current and important?
  - Why will the workshop attract a significant number of submissions of good quality?
  - Why will the workshop attract a large number of attendees, in addition to the authors?
  - How does the workshop differs from others, i.e. related workshops & conferences of similar topic?
- A short biography of the organizers (up to 200 words per organizer) is suggested
- Names of potential invited speakers (if available)
- Tentative Duration: (Half-day, Full-day and tentative schedule)
- Website address (if available - will be required later if the proposal is accepted)
- If appropriate, a description of past versions of the workshop/tutorial, including the number of submitted and accepted papers, number of attendees, etc. If a similar workshop/tutorial has been organized at recent IEEE IV, please explain the similarities and differences.

WORKSHOP/TUTORIAL PROPOSAL SUBMISSION
Proposal submissions should be submitted as a single PDF file online via PaperCept at the following link: https://its.papercept.net/conferences/scripts/start.pl

Proposals that address exciting topics in creative formats that generate lively interactions among participants are highly encouraged. Examples include facilitating multi-disciplinary discussions across academicians, practitioners, and policymakers leading to high impact and transformative research. Conference content will be submitted for inclusion into IEEE Xplore.

PREPARATION AND ORGANIZATION TIMELINE

- Proposal Submission Deadline: November 30th → December 28th, 2020
- Notification of Selection: December 28th → January 22nd, 2021
- Website link for each workshop/tutorial on: January 4th → February 19th, 2021
- Deadline for workshop paper submission: March 15th, 2021 → April 30th, 2021 (firm and final)
- Acceptance/rejection announcement: April 25th, 2021 → May 15th, 2021
- Final workshop papers due: May 31st, 2021 (firm and final)
- Workshop/Tutorial day: July 11, 2021

Please address all questions to the IV 2021 Workshops Chairs:

- Dr. Alexander Carballo, Nagoya University, Japan (alexander@q.sp.m.is.nagoya-u.ac.jp)
- Dr. Simon Thompson, Tier IV, Inc., Japan (simon.thompson@tier4.jp)
- Dr. Jan Becker, Apex.AI, USA and Stanford University, USA (jan.becker@stanford.edu)
- Dr. Kiyosumi Kidono, Toyota Central R&D Labs, Japan (kidono@mosk.tytlabs.co.jp)
The 24th IEEE International Conference on Intelligent Transportation Systems (ITSC 2021) is the annual flagship conference sponsored by the IEEE Intelligent Transportation Systems Society. IEEE ITSC 2021 welcomes articles and presentations in the field of Intelligent Transportation Systems (ITS), conveying new developments in theory, analytical and numerical simulation and modeling, experimentation, advanced deployment and case studies. ITSC 2021 particularly invites and encourages prospective authors to share their recent work, findings, perspectives, and developments as related to implementation and deployment of advanced ITS applications.

**TOPICS OF INTEREST**
The topics of interest include and but are not limited to the following:

- Advanced public transportation management
- Advanced transportation safety systems
- AI and deep learning in ITS
- Air, road, and rail traffic management
- Artificial transportation systems
- Behavioral modeling in ITS
- Connected and automated vehicles
- Cooperative driving technologies
- Cyber-physical-social systems for ITS
- Driver and traveler support systems
- Education in ITS
- Electrified transportation systems
- Human factors and HMI
- ITS field tests and implementation
- Management of incidents and evacuation
- Modeling, simulation, and detection of vulnerable road users and animals
- Naturalistic driving datasets and data analytics
- New trends in ITS
- Parallel learning and parallel systems
- Ports, waterways, and vessel traffic management
- Public policy, and regulatory and societal issues in ITS
- Security, privacy and safety systems
- Sensors, detectors and actuators in ITS
- Shared and smart mobility
- Traffic theory for ITS
- Transportation networks
- Vehicle localization and autonomous navigation
- Vision and environment perception
- V2X communications in ITS

**CONFERENCE ORGANIZING COMMITTEE**

**General Chair:** Yaobin Chen  
Indiana Univ.-Purdue Univ. Indianapolis, USA

**General Co-Chairs**
Saeed Barbat, Ford Motor Company, USA  
Miguel Angel Sotelo, University of Alcala, Spain  
Nanning Zheng, Xi’An Jiaotong University, China

**Workshop/Tutorial Chair**
Azim Eskandarian, Virginia Tech, USA

**Industrial Sessions Chair**
Rini Sherony, Toyota Motor North America R&D

**Program Chair:** Lingxi Li  
Indiana Univ.-Purdue Univ. Indianapolis, USA

**Program Co-Chairs**
Darcy Bullock, Purdue University, USA  
Jonas Sjoberg, Chalmers Univ. of Technology, Sweden  
Kazuya Takeda, Nagoya University, Japan

**Special Sessions Chair**
Shengbo Li, Tsinghua University, China

**Publications Chair**
Petros Ioannou, Univ. of Southern California, USA

**PAPER SUBMISSION**

- **Regular/Special Session/Workshop paper submission:** Complete manuscripts in PDF must be submitted electronically. Detailed instructions for authors are provided at the conference website: [2021.ieee-itsc.org](http://2021.ieee-itsc.org).
- **Proposal submission for special sessions and workshops/tutorials/industrial sessions:** Proposals should include a one-page summary of the session with authors’ name, affiliation, title of the abstract with five extended abstracts (less than 1000 words). Please contact us at: [contact@2021.ieee-itsc.org](mailto:contact@2021.ieee-itsc.org) or visit the conference website if you have any questions.

**IMPORTANT DATES (More detailed information can be found on the conference website)**

- **February 15, 2021** – Proposal due for special sessions
- **March 1, 2021** – Proposal due for workshops/tutorials/industrial sessions
- **March 31, 2021** – April 15, 2021 – Initial submission deadline for regular, special session, and workshop papers
- **June 1, 2021** – Notification of paper acceptance
- **June 15, 2021** – Final paper submission deadline
Conference Calendar

IEEE Intelligent Transportation Systems Society’s Sponsored Conferences

▪ IEEE Intelligent Vehicles Symposium (IV’21)
  July 11-15, 2021 (Tentative)
  Nagoya University, Nagoya, Japan
  https://2021.ieee-iv.org

▪ IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications (MESA)
  https://www.ieee-itss.org/mesa
  Submission due for the next event: To be determined

▪ International Design Engineering Technical Conferences & Computers and Information in Engineering Conference
  August 17-20, 2021
  Online, Virtual
  https://event.asme.org/IDETC-CIE

▪ IEEE 24th IEEE International Conference on Intelligent Transportation Systems (ITSC 2021)
  September 19-22, 2021
  Indianapolis, IN, United States
  https://2021.ieee-itsc.org
  Submission due by: April 15, 2021

▪ IEEE International Conference on Vehicular Electronics and Safety
  https://www.ieee-itss.org/icves
  Submission due for the next event: To be determined

▪ IEEE International Conference on Service Operations and Logistics, and Informatics (SOLI)
  https://www.ieee-itss.org/soli
  Submission due for the next event: To be determined
- **IEEE Forum on Integrated and Sustainable Transportation System (FISTS)**
  
  https://www.ieee-itss.org/fists
  
  Submission due for the next event: To be determined

- **International Conference on Universal Village**
  
  http://universalvillage.org
  
  Submission due for the next event: To be determined

- **IEEE International Conference on Advanced Logistics and Transport (ICALT)**
  
  https://www.ieee-itss.org/icalt
  
  Submission due for the next event: To be determined

- **IEEE International Conference on Intelligent Rail Transportation (IEEE ICIRT)**
  
  https://www.ieee-icirt2018.com/
  
  Submission due for the next event: To be determined

- **IEEE Intelligent Conference on Intelligence and Security Informatics (ISI)**
  
  http://www.isi-conf.org/
  
  Submission due for the next event: To be determined

- **IEEE Vehicular Networking Conference (VNC21)**
  
  November, 10-12, 2021
  Ulm, Germany
  
  http://www.ieee-vnc.org/

**Other Conferences**

- **SAE CyberAuto Challenge**
  
  http://www.sae.org/events/cyberauto/

- **The 24th International Symposium on Transportation and Traffic Theory (ISTTT24)**
  
  July 24-26, 2021
  Beihang University, Beijing, China
  
  http://isttt24.buaa.edu.cn/

- **NRITS National Rural ITS Conference**
  
  July 18-20, 2021
  Portland, Oregon, USA
  
  http://www.nationalruralitsconference.org
• IEEE Vehicular Technology Conference
  April 25-28, 2021
  Online Only
  https://events.vtsociety.org/vtc2021-spring/

• IEEE Multi-Conference on Systems and Control
  http://www.ieeeccs.org/conferences
  Submission due for the next event: To be determined

• IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2021)
  Sep 27- Oct 1, 2021
  Prague, Czech Republic
  https://www.iros2021.org

• ITS World Congress
  October 11-15, 2021
  Hamburg, Germany
  https://itsworldcongress.com

• Seminars and Dagstuhl Perspectives Workshops 2021
  https://www.dagstuhl.de/en/program/calendar/

• VISIGRAPP 2021: 16th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications
  February 06-8, 2022
  Vienna, Austria
  http://www.visigrapp.org
  Submission due by: Sept 14, 2021

• IEEE International Conference on Connected Vehicles and Expo (ICCVE)
  https://www.ieee-itss.org/ccve
  Submission due for the next event: To be determined

• Intertraffic Amsterdam
  March 29-April 01, 2022
  http://www.intertraffic.com/amsterdam/

• SAE The WCX World Congress Experience Digital Summit
  April 13-15, 2021
  https://www.sae.org/attend/wcx/

• 7th International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS 2021)
  April 28-30, 2021
  Online Streaming
  http://www.vehits.org/
- **IEEE International Conference on Robotics and Automation (ICRA 2021)**
  
  *May 30 - June 5, 2021*
  *Xi’an, China*
  

- **21st International Conference on Image Analysis and Processing**
  
  *May 33 –27, 2022*
  *Lecce, Italy*
  
  [https://www.iciap2021.org](https://www.iciap2021.org)

  *Submission due by: Sept 15, 2021*
Forthcoming papers on IEEE Transactions on ITS

**Special Issue on 3D Sensing in Intelligent Transportation**

*Capsule-Based Networks for Road Marking Extraction and Classification From Mobile LiDAR Point Clouds*
Lingfei Ma, Ying Li, Jonathan Li, Yongtao Yu, Jose Junior, Wesley Goncalves, Michael Chapman

*Automatic Extraction of Roadside Traffic Facilities From Mobile Laser Scanning Point Clouds Based on Deep Belief Network*
Lina Fang, Guixi Shen, Haifeng Luo, Zhiyuan Zhao, Chongcheng Chen

*Moving Object Detection by 3D Flow Field Analysis*
Cansen Jiang, Danda Pani Paudel, David Fofi, Yohan Fougerolle, Cedric Demonceaux

*Three-Dimensional Object Co-Localization From Mobile LiDAR Point Clouds*
Wenzhong Guo, Jiawei Chen, Weipeng Wang, Huan Luo, Shiping Wang

**Special Issue on Diversity in Transportation Systems for People and Goods**

*Diversified Technologies in Internet of Vehicles Under Intelligent Edge Computing*
Zhihan Lv, Dongliang Chen, Qingjun Wang

*Diversified Personalized Recommendation Optimization Based on Mobile Data*
Bin Cao, Jianwei Zhao, Zhihan Lv, Peng Yang

*A Novel UAV-Enabled Data Collection Scheme for Intelligent Transportation System Through UAV Speed Control*
Xiong Li, Jiawei Tan, Anfeng Liu, P Vijayakumar, Neeraj Kumar, Mamoun Alazab

*Human-Like Decision Making for Autonomous Driving: A Noncooperative Game Theoretic Approach*
Peng Hang, Chen Lv, Yang Xing, Chao Huang, Zhongxu Hu

*Trustworthiness for Transportation Ecosystems: The Blockchain Vehicle Information System*
Salvatore Distefano, Andrea Di Giacomo, Manuel Mazzara

*A Gamification Platform to Analyze and Influence Citizens’ Daily Transportation Choices*
Raman Kazhamiakin, Enrica Loria, Annapaola Marconi, Mauro Scanagatta

*Cooperative Intelligent Transport Systems: Choreography-Based Urban Traffic Coordination*
Marco Autili, Lei Chen, Cristofer Englund, Claudio Pompilio, Massimo Tivoli
Forthcoming papers on IEEE Transactions on ITS

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*Editor: Shunsuke Kamijo, kamijo@iis.u-tokyo.ac.jp*