The 4th International Conference on Internet of Vehicles (IOV 2017)
Kanazawa, Japan, 22-25, 2017,
http://grid.chu.edu.tw/sc2-2017

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Publication Chair
Guangli Lee, National Dong Hua University, Taiwan

Local Arrangement Chair
TBA

SUBMISSION and PUBLICATION

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Papers should be prepared in LNCS format and submitted via the IOV 2017 submission page, https://easychair.org/conferences/?conf=iov2017

- Proposals for organizing tutorials, workshops and special sessions need to be submitted to the Tutorials, Workshops and Special Sessions Chairs, respectively. A proposal should include title, theme, scope and main presenters/organizers.
- Research paper (12 pages) should explore a specific technology problem and propose a complete solution to it, with experimental results.
- Works-in-Progress (WIP) (10 pages) papers are expected to present either work currently in progress or less developed but highly innovative ideas.
- Demo/Poster papers (8 pages) must describe working systems and be related to IOV. These systems may be innovative prototype implementations or mature systems that use related technology. Papers/proposals need to be submitted to the Demo/Poster Chair.
- Workshop and Special Session papers (10 pages) need to be submitted to the corresponding workshops and special sessions.

All accepted papers in the main tracks, workshops, special sessions and demos/posters will be published in Springer LNCS proceedings (EI indexed). Extended versions of selected excellent papers will be considered for publication in special issues of prestige journals (SCI/EI indexed).

Internet of Vehicles (IOV) as an important part of the wisdom city is a complex integrated network system, which connects different people within automotives, different automobiles and different environment entries in cities. IOV is different from Telematics, Vehicle Ad hoc Networks, and Intelligent Transportation, in which vehicles like phones can run within the whole network, and obtain various services by swarm intelligent computing with people, vehicles, and environments.

IOV 2017 is to establish an international forum for engineers and scientists to present their excellent ideas, latest innovations and experiences on Internet of Vehicles. We welcome paper submissions on innovative work from researchers in academia, industry and government describing original research work, sharing the experience and insights, forecast the trends and opportunities, and discuss the policy, economics and social implications.

IOV 2017 will be held on November 22-25, 2017, co-located with IEEE SC2 2017, IEEE SOCA 2017, in Kanazawa. Topics of interest include, but are not limited to:

- Vehicle Behavior Model and Environment Awareness
- Cooperative Driving, Intelligent and Autonomous Vehicles
- Telematics, Wireless Communication Networks for IOV
- Services and applications of IOV
- Complex systems and systems of systems for IOV
- Theory, technology, methodology, tools and applications for IOV
- Wireless Communications and Vehicular Networking
- Vision-based driver assistance
- Computer vision for autonomous vehicles
- Mobile Internet, Mobility Internet and Internet of Things
- Transportation and Connected Vehicles
- Geographic, Spatial and Social Information Systems
- Practices, Recommendations and Standards in Connected Vehicles
- Policy, Economics and Social Implications
- Cooperative Driving, Intelligent and Autonomous Vehicles
- Automotive Electronics and Automatic Control
- Computational modeling and methodology for Intelligent Mobility Cases/Studies
- Network Architecture for IOV
- Automotive Electronics and Automatic Control for IOV
- Swarm Intelligent Computing in IOV
- Network and Information Services in IOV.
- Social Economics for Vehicle Platforms.
- IOV for Intelligent Transportation and Wisdom City
- Social Network for IOV
- Modeling and Simulation for IOV
- Cloud computing and Big Data for IOV
- Applications and Standards of IOV

IMPORTANT DATES

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<tr>
<th>Event</th>
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<tr>
<td>Tutorial / Workshop / Special Session Proposal Due</td>
<td>APRIL 29, 2017</td>
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<tr>
<td>Paper Submission (Research Track)</td>
<td>JUNE 15, 2017</td>
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<tr>
<td>Paper Submission (Works-In-Progress/workshop)</td>
<td>JULY 10, 2017</td>
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<td>Author Notification (Research/workshop/WIP)</td>
<td>JULY 30, 2017</td>
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<tr>
<td>Paper Submission (Demo /Poster / Special session)</td>
<td>AUG 05, 2017</td>
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<td>Author Notification (Poster / Demo)</td>
<td>AUG 20, 2017</td>
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<td>Camera ready / registration deadline</td>
<td>AUG 31, 2017</td>
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Please see conference website for complete list.