

TAB meeting of the IEEE ITS Society – October 17, 2017

The TAB meeting of the IEEE ITS Society is held on October 17th, 2017 in Workpia Yokohama building, 3rd floor, Yokohama, Japan. It begins at 5 p.m. and is presided over by Javier Jesus Sanchez Medina, the IEEE ITS Society's VP for Technical Activities.

List of attendees

Javier Jesus Sanchez Medina (IEEE ITS Society's VP for Technical Activities)

Pujitha Gunaratne (Chair of the TC on "Naturalistic Driving Data Analytics")

Fenghua Zhu (Co-chair of the TC on "Artificial Transportation Systems and Simulation")

Silvia Siri (Co-chair of the TC on "Logistics")

Simona Sacone (Chair of the TC on "Logistics")

Ryuji Kohno ("Mobile Communication Networks") : he leaves at 6 p.m.

Yisheng Lv (Chair of the TC on "ITS Education")

Lingxi Li (Co-chair of the TC on "Vehicle Safety Technologies and Applications")

Onur Altintas (Chair of the TC on Communication Networks)

Fei-Yue Wang (Chair of the TC on "Transportation 5.0"): he arrives at 6 p.m.

Contents of the meeting

The agenda of the meeting sent by e-mail by J.J. Sanchez Medina in the previous days is approved by the participants.

J.J. Sanchez Medina illustrates the main points of his proposal about how to proceed in the organization of the TCs of the ITS Society for the next years. The main points are listed in the following:

- the TCs should be populated with new interested volunteers; the TCs should have a minimum number of participants; the participants should be both senior researchers (who would bring reputation to the TC, as well as relevant contacts) and young people helping in organizing activities; there could be a role of Senior Chair for each TC;
- the TCs should be involved in the review process in conferences, i.e. the TC members should be Associate Editors in the conferences and manage papers in the associated research areas; the TC Chairs will be a sort of Track Chairs for those papers;
- the TC Chairs should be elected and have a term;
- the TC Chairs would have duties, such as elaborating a work plan yearly, reporting about the past year activity (to be published), appointing co-chairs or vice-chairs and making a call for new volunteers;
- the TC chairs could ask for funding with new initiative proposals;
- the TCs should have a dynamic nature, i.e. new TCs should be created when necessary, while other TCs could be canceled;
- in order to encourage TC Chairs to carry out more activities within the TC, an award has been organized on the activities conducted in 2017 (the winner is the TC on "Artificial Transportation Systems and Simulation") and a similar award will be also organized for the next years; the idea is that the award (2000\$) could be spent for new activities for the TC;
- a manual on the TAB activities will be prepared.

J.J. Sanchez Medina also communicates about a regular column on the ITS magazine that will be reserved for the TCs of the ITS Society which will inform about TC reports, awards, and so on. The TC Chairs will be contacted about this in order to provide updated information about their activities.

J.J. Sanchez Medina informs that 15 ITS TCs are active at present and 3 Chairs of new TCs should be elected soon. The TC on "Software Infrastructure in ITS" has been frozen, while the TC on "Logistics Services" has changed name in "Logistics".

J.J. Sanchez Medina shows the results of the analysis he made about the keywords of papers submitted to the last 4 ITSC conferences (ITSC 14-17). The basic idea is that, according to this analysis, TCs will be renewed and an estimate about the number of AEs needed for a given conference in a given research area can be made. Among the 4707 keywords found, 347 happen at least twice.

Ryuji Kohno intervenes to highlight the importance of connection with industry, in order to give people a relevant motivation to be involved. He also argues that it would be very relevant to co-organize conferences with other societies (e.g. the society on communication). J.J. Sanchez Medina replies that the ITS Society is aware about the importance of connections with industry and is acting in order to improve that.

J.J. Sanchez Medina continues the analysis about keywords in ITS conferences and shows that the mechatronics field includes a high number of keywords, suggesting to create new TCs in that area (e.g. splitting the TC on mechatronics into 2 TCs). A possibility suggested by J.J. Sanchez Medina is to create a new TC on ADAS and embedded systems and control. Also, J.J. Sanchez Medina proposes to create other two TCs on intelligent vehicles and cooperative driving.

Fei-Yue Wang intervenes arguing that the area on intelligent vehicles is too broad for one TC, that the TC on mechatronics should remain as it is now. He proposes a TC on automated and connected vehicles instead of the TC on cooperative driving and a TC on ADAS and Automotive Control. Fei-Yue Wang also suggests to create a new TC on parallel driving and testing because he claims that there is a wide community on this topic. He also argues that TCs should be created according to a "bottom-up" logic. J.J. Sanchez Medina says that the "bottom-up" logic could be useful to create new TCs, but also an "up-bottom" logic could be used, as the one realized considering the analysis on keywords just illustrated in the meeting. Simona Sacone agrees with J.J. Sanchez Medina and argues that a new TC proposed with a "bottom-up" logic could be created, such as the one on parallel driving and testing, but there should be a proposal with some descriptions about the contents of the proposed new TC, some associated keywords, including some indications about the wideness of the topic in the present and future research.

A motion for creating 2 TCs on "Automated and connected vehicles" and "ADAS and Automotive Control" is moved by J.J. Sanchez Medina and seconded by Silvia Siri. The motion receives 3 votes in favour, 3 votes against, and 2 abstentions.

Motion to adjourn the meeting approved unanimously.

The meeting ends at 6.40 p.m.