IAV 2019 Demonstration Track: Call for Presentations

The 10th IFAC Symposium on Intelligent Autonomous Vehicles (IAV) will be held in Gdańsk, Poland, from July 3rd to July 5th, 2019. The technical program committee invites the submission of demos. The basic goals of the Demonstration Track are: to provide a platform for exchanging ideas between theory and practice and showcase the applicability of different methodologies and technologies to real IAV problems.
We offer a fast-track review of extended versions of accepted demo submissions to the Demonstration Track of IAV 2018. The organizing committee is also considering granting the best demo award to the most impressive demonstration.

Authors have a choice between the following two (non-exclusive) ways of presenting their systems to the public:
- **live demo** way involving interaction with the audience at the demonstration stand
- **virtual demo** way of periodic projecting a video demonstration, maximum 10 minutes, in a regular session room in conditions similar to those of regular talks.

Demonstrators can therefore choose to use the demo mode 1 (**live**), demo mode 2 (**virtual**) or both demo modes 1 and 2.

We encourage all submissions that describe the importance of specific technology areas for real-world problems. Presentations that demonstrate the suitability of existing or developed techniques with a strong emphasis on issues that need to be resolved to implement them are also welcome.

***Main track and demo track**

We equally encourage submitters to the main Scientific Track of the IAV Symposium to additionally showcase their systems on the Demonstration Track. The implementation of this requires double submission of your work (note that Scientific **Paper Submissions** take place via the IFAC PaperPlaza conference submission system). It is also worth noting that the main path and the demo track are run separately and no explicit coordination is offered, suggesting that although a particular submission can be accepted for one track, it may be rejected (or not) for the second track.

***Demo track for industry**

Industrial researchers and engineers-practitioners are particularly strongly encouraged to submit their work to the Demonstration Path.

***Demo track for Sponsors**

A special Demonstration Track is offered to Sponsors supporting IAV 2018. We invite our conference partners to include their presentation on the conference technical demo track and/or in the form of stationary promotional presentations of their technical products and solutions. This offer depends on the type of sponsorship package and related benefits. See **Sponsorship Opportunities** for more information about IFAC 2018 offers.

*** Important Dates

19th of November, 2018 - Draft Paper/Session/Demo Submission Deadline, 24:00 CET
25th February, 2019 - Paper/Session/Demo Acceptance/Rejection Notification
25th March, 2019 - Final Camera-ready copy Submission

1st April, 2019 - Early Registration Deadline
1st May, 2019 - Deadline for Regular Event Registration and Single Day Tickets
3rd July, 2019 - Symposium Start Date
5th July, 2019 - Symposium End Date.

*** Submission Details

The submitted document must be a single PDF with the following contents, depending on the chosen demo mode(s):

- In all cases: a short maximum-of-3-page paper in which the authors describe the system to be demonstrated. The article should present the field of application, the problem scenario, the technology used, the techniques involved, as well as the original or specific contribution or innovation, live and interactive aspects, etc. Papers must be prepared in PDF format using the IFAC style. Submissions are NOT anonymous. The space limit is a total of 3 pages: 2 pages for the main text (including figures, but no references) and one page for references. Over-length papers will be rejected.

- If the authors want to present a virtual demo, the URL link to the demo video (e.g. on YouTube pages), no longer than 10 minutes, showing what is proposed for projection on the conference screen. Otherwise, the authors can prepare a Powerpoint presentation showing and explaining their idea. Other formats are also possible if they better illustrate the purpose of the demo. In any case, our objective is to get to know exactly what the demo will look like.

- In order to present in live mode, authors should provide a list of requirements / descriptions of demo settings – pay attention to the imposed time and space restrictions – for example, floor space, table, poster, monitor, potential noise / sound problems, etc. Such list, which will not be part of the final paper, should be attached to the document on a separate page.

Demo propositions must be formatted according to the IFAC guidelines and submitted electronically to the Demonstration Program Chair: anna.witkowska@pg.edu.pl and the NOC CEO (mardo@eti.pg.gda.pl).

At least one author of each accepted paper is required to attend the conference in order to present the work. Authors will be required to accept this requirement at the time of submitting the final application. Submissions received after the deadline or which do not meet the length or formatting requirements will not be considered for evaluation. No fax submissions will be accepted. Notification of receipt of demonstrators in electronic form will be emailed to the designated contact author.

In case of problems with the submitted electronic application, the Chairman of the Demonstration Program will contact the designated author via e-mail. The contact person will receive an e-mail notification of acceptance or rejection by February 25, 2019.

***Review Process

The submissions will be reviewed by the members of the program committee. The selection criteria include originality, innovation, applicability and potential benefits of the expected results. Note that there will be no rebuttal phase.

*** Keywords

By submitting the paper, authors will have to choose from the IFAC keyword list (http://www.autsubmit.com/documents/keywords.html). Other general categories should only be used if the specified keywords do not apply or do not accurately reflect the main contribution.

*** Logistics

Researchers and practitioners showing their demonstration are required to provide the necessary equipment and materials for the successful operation of their exhibit. If necessary, in order to deliver materials to the conference venue, please use the address of the IAV conference secretary given on the Contact page. The needed electrical connections must be arranged by the Demonstration Program Chair no later than 30 days before the start of the conference.

Electrical and Internet service will be made available to confirmed exhibitors.

Tabletops will be allowed for every live demonstration. If available and if space permits, additional tables or other space requirements may possibly be provided.

*** Confidentiality Policy

All submissions will be treated in strict confidence until the publication date.

*** Conflict of Interest Policy

All scientists involved in the review process of the IFAC Symposium IAV 2019 adhere to the IFAC conflict of interest policy.

*** Enquiries

If you have any questions about the demonstration track, please contact the Chairman of the IAV 2019 Presentation Program – Anna Witkowska <anna.witkowska@pg.edu.pl>.