

# Automatic Control Demonstrators

An IFAC 2017 special feature



Among the innovative features of the 20<sup>th</sup> IFAC World Congress, contributions are most welcome to the **special demonstrator paper category** associated to an **exhibition of demonstrators**.

The goal is to promote research or educational-oriented devices, innovative prototypes and attractive transfer of technologies towards high-tech enterprises. The exhibition will highlight the future applicative trends of automation and control. The main objective is to bring researchers and engineers interested in demonstrators, prototypes and experimental devices together to share results, attractive challenges and network.

The following non-exhaustive list of topics provides examples of demonstrator contributions:

- Process control demonstrators
- Advanced robotics
- Educational devices
- Popularization devices
- Immersive multimedia
- Demonstrators for industry
- Vehicles
- Software



See also the existing open invited tracks at [www.ifac2017.org/OIT](http://www.ifac2017.org/OIT).

Among these you will find the call for contributions in the following fields

- Tools and demonstrators for Discrete Event and Hybrid Systems
- Demonstrator of reactive navigation and grasping in domestic environments with the Peeper robot
- Exhibition of Demonstrators for Educational purposes in Control sciences



A dedicated team is in charge of the organization of this attractive exhibition and is available to help you with your specific needs required by your Demonstrator. Our team of researchers has organized four successful workshops on automation and control demonstrators known as “Journées Démonstrateurs”, and will provide you with experience and expertise.

[laris.univ-angers.fr/fr/vie-unite/th-automatic-control-demonstrators.html](http://laris.univ-angers.fr/fr/vie-unite/th-automatic-control-demonstrators.html)

The IFAC 2017 demonstrator exhibition is co-sponsored by Club EEA, the French association of professors and researchers in electrical and information engineering.



Club EEA representative, based on Demonstrator Paper Prize Selection Committee recommendation, will deliver a special **best IFAC 2017 demonstrator award**.



Pepper by Aldebaran ©Aldebaran

Demonstrator papers will have the same status as any other IFAC 2017 contribution. They can be submitted as «contributed paper», «contributed survey paper», or «contributed extended abstract”.

Acceptance of demonstrator papers will be exclusively based on their contribution. In a second phase, based on evaluation of costs for IFAC 2017 organization, an agreement will be found for having either onsite demonstrations or video presentations.

Papers that fall in the demonstrator category will be presented in dedicated sessions. The demonstrators will be exposed at a special exhibition on the site of the World Congress. Another site will also be used for large-scale demonstrators such as autonomous vehicles.

**Industrial participants** are more than welcome to contribute to the demonstrator exhibition. Two possibilities to participate are offered:

- Submit scientific demonstrator contributions.
- Set up an exhibition demonstrator stand (see sponsorship and exhibition information at [www.ifac2017.org/sponsorship](http://www.ifac2017.org/sponsorship)).

**Paper submission deadline:** 31 October 2016

**How to submit:** [www.ifac2017.org/submit](http://www.ifac2017.org/submit)

**More information:** [www.ifac2017.org/demonstrators](http://www.ifac2017.org/demonstrators)

**Contact us for more information:** [demonstrators@ifac2017.org](mailto:demonstrators@ifac2017.org)

