

Press Release

Centrale Nantes is hosting JAMACS - *Journées de l'Automatique* on November 15 and 16, 2018

The LS2N (Laboratory of Digital Sciences of Nantes) is hosting the third edition of the *Journées de l'Automatique* on November 15 and 16, 2018, on behalf of the GDR MACS (CNRS Research Group in Modeling, Analysis and Management of Dynamic Systems). The objective is to bring together all the key French players in Automatic Control, within the framework of plenary and parallel sessions proposed by the various GDR working groups.

Over 150 researchers, lecturers, PhD students and industry representatives will come together, today and tomorrow, at Centrale Nantes and at the Faculty of Science and Technology of the University of Nantes. They will be taking part in three plenary sessions - one given by a company manager and two by researchers (from Mexico and France) - and in working group sessions on automatic control and its applications.

Plenary Session on the Centrale Nantes Campus – 15 November:

Challenges of Automatic Control in the Offshore Environment - from automatic pilot systems to MRE: this presentation aims to make the audience aware of the successes of automation techniques in the offshore environment (isolation, severity, predictability, etc.) as well as with regard to current and future research undertaken by D-ICE Engineering to meet the challenges of tomorrow.

LS2N

This event is organized by the LS2N (Laboratory of Digital Sciences of Nantes), which is jointly supervised by the CNRS (National Center for Scientific Research), Centrale Nantes, the University of Nantes, IMT Atlantique and INRIA.

The LS2N became a CNRS research laboratory in 1968 and has kept that status permanently over the 50 years.

Bringing together 450 people at the heart of digital sciences, this laboratory aims to significantly increase the visibility of research in Cybernetics and Computer Science in Nantes.

There are five research areas within the laboratory, including research projects on autonomous vehicles, robotics and industrial chairs with RTE and Renault.

About Centrale Nantes

Founded in 1919, Centrale Nantes is a French engineering school and member of the Ecoles Centrale Group. Its undergraduate, Master and PhD programmes are based on the latest scientific and technological developments and the best management practices. At Centrale Nantes, research and training are organised into three key areas for growth and innovation: manufacturing, energy transition and healthcare. With research platforms ranging from digital simulation to prototyping using full scale models and an incubator with 20 years of experience in supporting start-up projects, the school has two major tools for innovation and creation, working hand in hand with industry. Centrale Nantes promotes its teaching and research capabilities at international level through around 100 partnerships with prestigious universities and schools worldwide.

Centrale Nantes welcomes 2,410 students, including 1,440 undergraduate students, 170 Executive Education and ITII degree apprenticeship students, 270 PhD students, 430 Masters students, and 100 Bachelor/Foundation Master students on its 40-acre campus.

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