

Press Release

CRIEC - Inter-Ecoles Centrale Research Symposium Centrale Nantes Campus, 25 to 28 June



Centrale Nantes is playing host to the 24th edition of the Inter-Ecoles Centrale Research Symposium (CRIEC) for the week commencing Monday 25th June 2018.

The four-day event gives 100 PhD students from the five Ecoles Centrale, (Centrale Supélec, Centrale Lyon, Centrale Nantes, Centrale Lille and Centrale Marseille), the opportunity to exchange views and present their research work during plenary sessions and oral presentations dealing with topics ranging from additive manufacturing, to marine renewable energies, or robotics and electrical engineering, etc.

Plenary sessions:

- **Sophie SAKKA:** Centrale Nantes Lecturer and President/Founder of the “Robots” Association
Topic: Robotics
- **Stéphane LE POCHAT:** Head of R&D, Eeva
Topic: “Eco-design, at the heart of the circular economy”
- **Aurélien Babarit:** Head of the Marine and Ocean Energy Research Group, Research Laboratory in Hydrodynamics, Energetics and Atmospheric Environment (LHEEA) at Centrale Nantes
Topic: “The potential of marine renewable energies for energy transition.”

During the symposium, three of the projects hosted in the Centrale Nantes-Audencia-ensa incubator will present their work:

- **SMARTENON:** Sustainable digital and energy transition for office buildings
- **ERNEST:** Bamboo-frame bicycle designer
- **Hera-Mi:** Advanced medical imaging solutions, specializing in breast imaging

These startups reflect some of the major challenges being tackled at Centrale Nantes - energy transition and artificial intelligence. The presentations will afford the opportunity to find out more about the projects via prototype demonstrations.

Centrale Innovation will award its thesis prize during the event, which this year goes to Coralie Thieulin, a post-doctoral researcher at Centrale Lyon for her work on: "**Characterization of cutaneous reactions induced by repeated friction between human skin and cellulose tissue products** "

Press Contact

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CRIEC is a research symposium which brings together young researchers from the Ecoles Centrale Group (Centrale Supélec, Centrale Lyon, Centrale Nantes, Centrale Lille and Centrale Marseille) and associated laboratories. It aims to foster scientific exchange amongst PhD students and to offer an experience that is different from that of conventional specialised conferences. The multidisciplinary presentations allow participants to measure the diversity of research carried out in the Ecoles Centrale Group, to open doors to new themes, and who knows, to build links with other people and teams.

From a cultural perspective, the programme includes a half-day set aside for a visit of the city centre, sports activities and a buffet with local specialties. There is also a strong industrial dimension with a visit of regional firms: **CSTB Nantes** (hosts the main French wind and water engineering laboratories for the construction sector) and **Veolia Arc en Ciel** (waste processing plant).

Learn more: <https://criec2018.sciencesconf.org/>

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 2,320 students, including 1,550 undergraduate students, 200 Executive Education and ITII degree apprenticeship students, 260 PhD students and 400 Masters students, on its 40-acre campus.

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