



Press Release

Nantes, 26 November 2019

Two new Erasmus Mundus Joint Master Degrees coordinated by Centrale Nantes - E-PiCo and JEMARO –, a true guarantee of academic excellence.

Erasmus Mundus Joint Master Degree (EMJMD) programmes are taught by an international consortium of higher education institutions. Centrale Nantes was selected by the European Commission in September 2019 to coordinate E-PiCo and JEMARO for a six-year period. September 2020 will see the first intake of students on both programmes.

The addition of E-PiCo and JEMARO brings Centrale Nantes's offering to a very enviable four EMJMD programmes, and the school is delighted to have been selected by the European Commission to coordinate two of them, including a major innovation with JEMARO: the first call for projects between Europe and Japan.

Electric Vehicle Propulsion & Control (E-PiCo) is a unique joint master programme in e-mobility. The multidisciplinary courses taught across the two-year programme are designed to prepare students to meet the challenges of ecological transition. E-PiCo's future graduates will deploy their expertise in electric propulsion systems directly in industry. E-PiCo has been set up and is fully supported by four major European higher education institutions:

Centrale Nantes as coordinator, Christian-Albrechts-Universität zu Kiel / Kiel University (Germany), Università degli Studi dell'Aquila (Italy) and Universitatea Politehnica din Bucuresti (Romania). The programme also benefits from three academic associate partners - l'École de Technologie Supérieure (Canada), CINESTAV (Mexico) and Wuhan University (China). Industry is strongly represented by Airbus, Renault Group, Daimler, IAV GMBH, Jungheinrich, ECA Group, HONDA, MODIS, Pure Power Control (P2C), DigiPower and TEKNE.

Learn more: <https://master-epico.ec-nantes.fr/>

The Japon-Europe Master on Advanced Robotics (JEMARO) is a two-year integrated programme whose objective is to provide students with a deeper understanding of the different perspectives in robotics (academic and industrial) in Europe (France, Italy, Poland and Spain) and in Asia (Japan and China). To achieve these objectives, the JEMARO consortium brings together four major higher education institutions in Japan and Europe: Keio University (Japanese Coordinator), Centrale Nantes (European Coordinator), University of Genoa (Italy) and Warsaw University of Technology (Poland). The JEMARO consortium also offers an innovative learning environment with the involvement of

teaching staff from eight industrial partners: YASKAWA, Soft Servo Systems, NTT Data, Motion Lib, Inc., BA Systems, PIAP-Space, PIAP, PIAP, IRT Jules Verne.

JEMARO is the first joint Japan-Europe programme offering high-level academic and industrial training across the entire field of robotics (mathematical modeling, control engineering, computer engineering, mechanical design) combined with the technological specialization of the industrial associate partners. All activities are implemented on the basis of a common agreement that takes full account of the differences and constraints of academic regulations between Japan and Europe.

Learn more: <https://jemaro.ec-nantes.fr/>

In addition to these two new Erasmus Mundus Joint Master Degrees, Centrale Nantes also offers two others:

- **EMSHIP+** Advanced Design provides high level training in naval architecture, ship and offshore design. Almost 200 students have graduated from this programme over the course of the last nine years.
- **Master in Renewable Energy in the Marine Environment (REM)**, prepares its future graduates to meet the technological challenges posed in the offshore renewable energy sector.

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.

For more information, visit: www.ec-nantes.fr

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