

## Press Information

# I-MC - Centrale Nantes and CEA startup – award recipient at the International Start up Seminar



The startup I-MC (Innovative Manufacturing & Controls), a CEA and Centrale Nantes spin-off, received an award in two categories at the International Start-up Seminar organized by SCS Cluster in Sophia-Antipolis on 19th December:

- Most innovative product in the 'Industry of the Future' category
- Special prize for the 'most innovative product in the digital field' (developed by a joint laboratory/company venture directly based on laboratory research or knowledge-transfer).

Founded in 2017, I-MC is based on the work of Centrale Nantes Professor Jean-Yves Hascoët, an international expert in additive manufacturing and welding processes, and of the CEA. It offers a digital integration platform for the industrial machining sector.

I-MC's innovation lies in the ability to inspect a part quickly and accurately on the machine without having to remove it (in-situ inspection). It also allows defects to be directly dealt with at the foot of the machine. This technical, but also practical, innovation significantly reduces overall cycle time and improves product quality via an innovative digital production line.

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I-MC is targeting industrial machine tool operators who have high demands in terms of machine product precision and quality, such as the aerospace, defense or nuclear markets.

**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: [www.ec-nantes.fr](http://www.ec-nantes.fr)*

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