



Press Release - January 13, 2025

AugmentIA: A pioneering chair in artificial intelligence-enhanced engineering

Artificial intelligence is coming to the heart of engineering thanks to AugmentIA, an innovative research and teaching chair, the fruit of a strategic partnership between the Grenoble INP Foundation and the Artelia Group. This ambitious project will benefit from Artelia's three-year sponsorship, underlining their shared commitment to revolutionising industrial practices and opening up new perspectives in planning and construction.

AugmentIA, as its name suggests, explores the concept of the 'augmented human'. The aim? To take advantage of advances in AI to enhance human capabilities, while respecting an ethical and responsible approach.

Three areas of innovation at the heart of the project A partnership serving performance and ethics

1. Mastering large multilingual and multimodal language models

AugmentIA is developing tools to transform the management of industrial projects, from the drafting of calls for tender to the analysis of massive unstructured data.

2. Exploring the potential of generative AI

Innovative technological solutions will be tested to optimise business processes, while addressing major challenges: reducing AI hallucinations, respecting ethical constraints and the environmental footprint of systems.

3. Removing technological barriers

The Chair is tackling the complex challenges of managing multilingual data and adapting AI models to the specific needs of the planning and construction sectors.

Together, the Grenoble INP Foundation and the Artelia Group are demonstrating their determination to push back the frontiers of technological innovation while putting people at the centre of their concerns.

'AugmentIA embodies the meeting of industrial expertise and academic research excellence. This Chair opens up a promising path towards augmented engineering that is not only more efficient, but also more responsible', emphasises Didier Schwab, Researcher at the LIG* and Professor at the UGA.

A shared ambition for a global impact

With AugmentIA, the Grenoble INP Foundation and the Artelia Group are laying the groundwork for a future in which artificial intelligence is not a substitute for, but an enhancement of human capabilities, in the service of a sustainable, high-performance world.

The AugmentIA Chair will be officially inaugurated on 27 March 2025 in Grenoble.

About us



Inspiring a sustainable world through science and progress

Since 2010, the Grenoble INP Foundation's mission has been to support the ambition and development of the 8 schools, 39 laboratories and 8,300 engineering and management students that make up Grenoble INP, the Engineering and Management Institute of Grenoble Alpes University. Supported by more than 500 patrons and individual donors, the Grenoble INP Foundation brings together students, teacher-researchers and entrepreneurs to build the world of tomorrow through the development of innovative and societal projects that promote the academic and scientific excellence of the Grenoble INP region on an international scale.

Key figures

- More than €18m of sponsorship funding mobilised
- 3 sponsorship programmes developed
- 15 chairs of industrial excellence (research and teaching)
- More than 1,070 grants awarded, 22 honorary loans, 119 community and school projects funded for a total of more than €3.2m.

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Artelia is an international multidisciplinary group providing consultancy, engineering and project management services in the mobility, water, energy, building and industry sectors. With 9,700 employees, Artelia is a key player worldwide, with sales of €983m in 2023 and a presence in more than 40 countries in Europe, Africa, the Middle East, Asia-Pacific and the Americas. Artelia is 100% owned by its managers and employees.

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