

Eviden supports the University of Reims Champagne-Ardenne (URCA) in its move towards quantum computing

Paris, France - July 18th, 2024 - [Eviden](#), the [Atos Group](#) business leading in digital, cloud, big data and security, today announced it is supporting the University of Reims Champagne-Ardenne (URCA) through training initiatives to raise awareness of the challenges of quantum computing. URCA will draw on Eviden's long-standing expertise in the sector, through its [Qaptiva](#) offering.

While some sectors seem ready to turn to quantum computing for problems now handled by supercomputers, customers' objectives are changing. Demand is shifting from pure research to the development and use of concrete quantum computing applications, in anticipation of the arrival of the first quantum computers.

The University of Reims Champagne-Ardenne (URCA) is acting on behalf of the MesoNET project, which brings together 20 regional computing centers across France, and is led by GENCI. The MesoNET ecosystem will thus be able to take advantage of Eviden's experts' dual knowledge of technology and industrial issues, to train researchers and professionals alike.

Arnaud RENARD, Director of URCA's Centre de Calcul Régional ROMEO, commented: *"Within the MesoNET project, the University of Reims Champagne-Ardenne provides researchers, students and industrialists with training programs covering the general areas of HPC. Within the framework of "Specialized Architectures", we support them in experimenting with the very latest technological advances. With this project, Eviden is providing a series of training courses ranging from the fundamentals of quantum computing to quantum programming".*

Olivier Hess, Global Quantum Computing Technology Advisor & Head Quantum France, Eviden, Atos Group, commented: *"We are delighted to support URCA in understanding and mastering the challenges and technologies associated with quantum computing, the next digital revolution. This project follows on from the recent collaboration between URCA and Eviden, which extended the capabilities of the Romeo supercomputer to meet the growing AI needs of research communities in the Grand-Est region. We are proud of this renewed confidence".*

[Qaptiva](#) is a complete quantum computing application development environment offered by Eviden, enriched by consulting services and an ecosystem of software and hardware partners. Drawing on Eviden's significant experience in hybrid computing, Qaptiva™ enables companies, organizations and research centers worldwide to harness the potential of quantum computing and take application development to the next level to solve complex business and scientific problems.

About Eviden ¹

Eviden is a next-generation technology leader specializing in reliable, sustainable, data-driven digital transformation, with a strong portfolio of patented technologies. Its position as a global leader in advanced computing, security, AI, cloud and digital platforms enables it to provide in-depth expertise for all business sectors, in over 47 countries. Bringing together 47,000 world-class talents, Eviden expands the possibilities offered by data and technology across the digital continuum, today and for generations to come. Eviden is an Atos Group company with annual sales of around €5 billion.

About Atos

Atos is an international leader in digital transformation, with around 95,000 employees and annual sales of around €11 billion. The European leader in cloud computing, cybersecurity and supercomputing, the Group provides integrated solutions for all sectors, in 69 countries. A pioneer in decarbonization services and products, Atos is committed to delivering secure, decarbonized digital solutions to its customers. Atos is an SE (European Company) listed on Euronext Paris.

Atos' raison d'être is to help shape the information space. With its skills and services, the Group supports the development of knowledge, education and research in a multicultural approach and contributes to the development of scientific and technological excellence. Everywhere in the world, Atos enables its customers and employees, and more generally the greatest number of people, to live, work and progress sustainably and with complete confidence in the information space.

About the University of Reims Champagne-Ardenne

A multi-disciplinary training and research university, the University of Reims Champagne-Ardenne relies on 4 nationally and internationally recognized strategic centers of excellence:

- a multidisciplinary cluster with an international dimension in agro-sciences, environment, biotechnologies and bioeconomy (AEBB) taking into account, in a region with a strong agricultural and wine-growing economy, the sustainable production of biomass, its transformation by green chemistry and biotechnologies, the ecological transition and climate change, supported by the PIA EXEBIO ;
- a health cluster, with a number of excellent scientific niches and a rich and varied range of medical and paramedical training courses;
- a digital and engineering sciences cluster (SNI) focusing on high-performance computing, industry 4.0, artificial intelligence, materials and technological transformations;
- a Human and Social Sciences (SHS) cluster focused on transformation, transition and mutation.

The University of Reims Champagne-Ardenne in figures: 27,500 students, over 120 degrees, 34 research laboratories including 4 CNRS, 1 INSERM, 2 INRAE, 1 INERIS, 1 ANSES, 1 CEA, 15 technical platforms, 2,500 staff including 850 teacher-researchers, 5^{ème} employers in the Champagne-Ardenne region, over €818 million in economic impact², 20,000 jobs generated including 10,000 in France, €257 million budget.

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² study footprint UTOPIES