

E4 Computer Engineering joins CERN openlab, advancing the development of key projects on Big Data and Artificial Intelligence

Geneva, 29/10/2018 - E4 Computer Engineering, the Italian company leader in HPC, AI and storage solutions, announces today that it has joined CERN openlab, a public-private partnership between CERN and leading ICT companies. E4 has the role of 'contributor' within the collaboration and it will work on joint projects to advance the development of high-performance technologies for high-energy physics (HEP).

E4 Computer Engineering has a long and successful history of provisioning systems to CERN and to Tier 1 centers in the Worldwide LHC Computing Grid like INFN (Istituto Nazionale di Fisica Nucleare), through competitive tenders. With thousands of cores and petabytes of storage already delivered to CERN, E4's expertise ensures improved overall effectiveness and increased performance of applications used by CERN's research community.

CERN openlab works to ensure that members of the HEP community have access to the latest, innovative ICT solutions that enable them to carry out their ground-breaking research. CERN has very demanding ICT requirements, thus providing a fantastic testing environment for the ICT companies collaborating in CERN openlab. Experts at CERN provide valuable feedback on the companies' products and they are able to assess the merits of new technologies in their early stages of development for possible future use at the laboratory. The CERN openlab framework also offers a neutral ground through which companies can collaborate and carry out advanced research and development activities together.

E4 Computer Engineering will work with CERN on joint R&D projects in the fields of Artificial Intelligence and High Performance Data Analytics. E4 will design and develop high-performance computing technologies and data-storage architectures featuring the latest proven technologies.

"Supporting the HEP community makes us very proud," said Francesco Morsiani, CEO of E4 Computer Engineering. *"The longstanding relationship with CERN has always been very motivating for E4's scientists and technologists and has always encouraged us in studying new technologies, methods and procedures. CERN's research objectives are extremely fascinating. That's why being part of CERN openlab is even more stimulating, since there is the possibility to get valuable feedback, testing our solutions in one of the most complex and challenging technological environments of the world."*



Furthermore, CERN openlab is a neutral scientific environment, through which companies can work together to support CERN in uncovering discoveries that will benefit all of humanity”.

“CERN will face unprecedented computing challenges in the next decade, with revolutionary new approaches required to overcome some of them,” says Maria Girone, CERN openlab CTO. “Collaborating with innovative industry leaders like E4 gives us access to the latest technologies, enabling us to pursue new techniques and solutions that will make it possible to thrive as we approach the exascale era.”

About E4 Computer Engineering

Since 2002, E4 Computer Engineering has been innovating and actively encouraging the adoption of new computing and storage technologies. Because new ideas are so important, we invest heavily in research and hence in our future. Thanks to our comprehensive range of hardware, software and services, we are able to offer our customers complete solutions for their most demanding workloads on: HPC, Big-Data, AI, Deep Learning, Data Analytics, Cognitive Computing and for any challenging Storage and Computing requirements. E4. When Performance Matters.

For more info: www.e4company.com

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