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INDUSTRY

Registration Open for Internet2-Oracle Webinar: “Accelerating Science with CERN and Oracle” on January 26

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By Ben Fineman
Internet2 Director, Industry Engagement

As we enter the new year 2021, I am delighted to announce the third in a series of virtual events on high performance computing we are hosting in coordination with Oracle Corp. **Registration is now open** for the latest Internet2-Oracle webinar, *“Accelerating Science with CERN and Oracle,”* featuring Eric Grancher, head of Database Services Group, CERN IT department, on **Tuesday, January 26 at 12 p.m. ET**.

The scientific advancements of CERN, the European Laboratory for Particle Physics push the frontiers of technology, which has a positive impact on society globally. Although its core mission is fundamental research in particle physics, the organization also has a remit to train the next generation of scientists and to bring nations together. The transfer of CERN technologies and expertise to society is an integral part of these activities, providing novel solutions in many fields.

CERN uses Oracle solutions to support the control systems for the Large Hadron Collider, the world’s largest and most powerful particle accelerator. The control systems for CERN’s highly complex mix of accelerators, detectors, and information-management technologies create one of the most challenging Internet of Things (IoT) environments in the world.

As researchers look beyond the Standard Model of physics, investigating phenomena such as dark matter, CERN is using Oracle solutions — including Oracle Cloud Infrastructure — to help scale its operations to the unprecedented levels required. CERN uses these technologies to help carry out experiments at the Large Hadron Collider, which is buried underground at the French-Swiss border. With its 17-mile circumference, it is the world’s largest and most powerful particle accelerator.

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Recent Virtual Event On-Demand Resources

Replay the recent virtual event "*UC Davis Researchers Advance Medicine with Oracle High Performance Computing*" that explains how computationally intensive research can benefit from high performance CPU and GPU processors that far exceed a researchers local computing resources.

And, if you missed our introduction to this series, watch the introductory webinar "*Igniting Research with Oracle High Performance Computing,*" laying the groundwork for this four-part series that is enabling researchers to solve critical and complex problems, at what some might say is the speed of light. **Register now for "*Accelerating Science with CERN and Oracle*."**

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