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# CERN openlab technical workshop to kick off new three-year phase



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CERN openlab's annual technical workshop will take place on 9-11 March. The event will take place online each afternoon (CET). Today, 34 joint R&D projects are being carried out through CERN openlab (<https://openlab.cern/>). These are spread across the laboratory and involve leading tech companies such as Intel, Oracle, Siemens, Micron and Google.

Many of these innovative projects — as well as several new investigations — will be presented during the three-day workshop. "We would like to thank each of the project teams for their excellent work in 2020," says Maria Girone, CERN openlab CTO. "This has paved the way to CERN openlab's new three-year phase, with its emerging technology pillars, around which the three days of the workshop have been

organised." Tuesday will be dedicated to exascale high-throughput and high-performance computing technologies, Wednesday to artificial intelligence (AI) and work with research fields beyond high-energy physics, and Thursday to quantum technologies.

At 16:50 CET on Thursday 11 March, Alberto Di Meglio, the head of CERN openlab, will present a high-level roadmap for CERN openlab's new phase. This will also include a brief overview of plans for marking CERN openlab's 20th anniversary later in 2021. We encourage you to join us for this session, or any other that appeals to you. Perhaps there's a particular day's topic that you'd like to know more about, perhaps there are a few individual presentations that strike you as interesting, or perhaps you'd even like to follow along for the full three days. Visit the Indico page to see the timetable and take your pick. Wherever you work at CERN, you're welcome to join us.

"The workshop is an important opportunity for stakeholders across CERN and the participating companies and institutes to discuss the ways in which we can accelerate innovation in computing technologies," says Di Meglio. "Together, we are shaping an R&D programme for the coming years — focused on exascale, AI, and quantum technologies — that will provide important support to the LHC research community, as well as to other scientific fields. This work will play a vital role in helping our community to tackle the computing challenges posed by the High-Luminosity LHC, thus helping us to unlock the machine's full potential."

**Please find the Indico page for CERN openlab's 2021 technical workshop here:**  
**<https://indico.cern.ch/e/COTW21>** (<https://indico.cern.ch/e/COTW21>).

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