CERN Accelerating science (//home.cern)

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The on-site CERN openlab Summer Student Programme is back – tune into our online computing lectures!

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Would you like to learn about the innovative computing technologies that underpin CERN's groundbreaking physics research? Join us for the CERN openlab (https://openlab.cern/) summer-student lecture programme. It is free and open to all, wherever you are in the world. Lectures will be given by CERN experts on topics ranging from quantum computing to machine learning, and from distributed computing to open data. The lectures will be will be livestreamed via the CERN Webcast website (https://webcast.web.cern.ch/) and the CERN Lectures YouTube channel (https://www.youtube.com/c/CERNLectures/featured). A full list of lectures can be found here (https://indico.cern.ch/category/15588).

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The lectures are organised as part of CERN openlab's annual summer-student programme. For the first time since 2019, summer students are back on the CERN site. The CERN openlab summer students will each spend nine weeks working with some of the latest hardware and software technologies, as well as learning how advanced computing solutions are used in high-energy physics. This year, 1770 students applied to the programme. From these, 32 students were selected, with 18 different nationalities.

At the end of their period working with CERN, the summer students will also give five-minute presentations about what they have achieved during their projects. These "lightning talks" will take place in September (exact date to be communicated) and are open to all. Join us to hear all about the exciting work the students have been doing – the talks are always jam-packed with inspiring ideas and innovative solutions.

"It is a great pleasure to be welcoming summer students back to CERN; they bring fresh ideas and perspectives to the laboratory," says Maria Girone, CERN openlab CTO. "We are pleased to be sharing our lecture programme online, so that anyone from anywhere in the world can find out all about the important role cutting-edge computing technologies play in supporting particle-physics research."

Finally, if you would like to get even more involved in computing at CERN, be sure to check out the CERN Webfest (https://webfest.cern/). The Webfest is CERN's annual hackathon based on open web technologies. This year, a special environment-themed "challenge" edition of the event will run throughout July and August. It is open to all and will be once again held online this year, meaning that people from anywhere in the world can take part. Find out more here (https://home.cern/news/announcement/computing/take-part-climate-action-through-cerns-online-webfest-challenge-2022).

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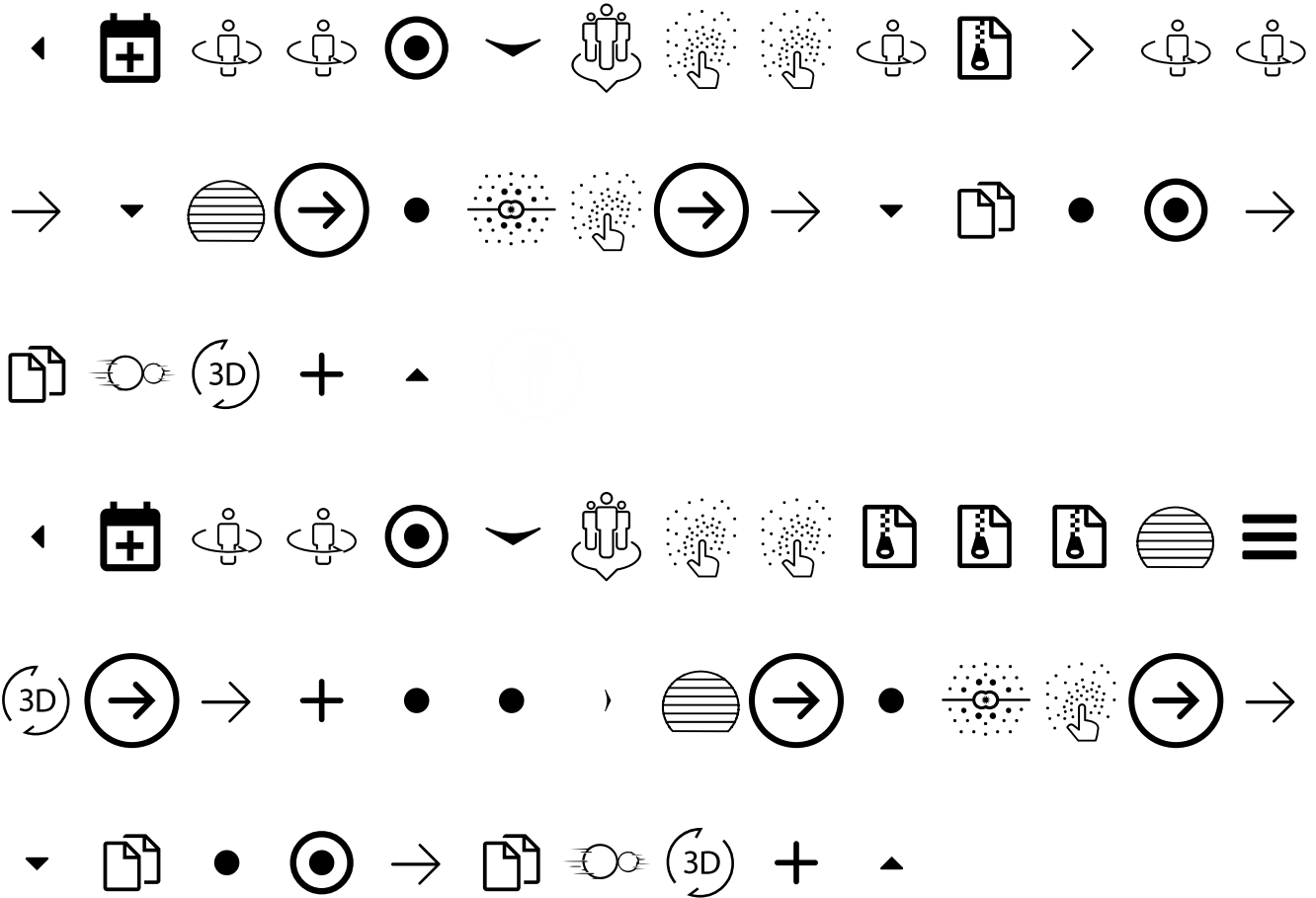(mailto:openlab-communications@cern.ch)

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❯ Press Kit

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