

# ExaHealth 2021: Exascale computing and machine learning for public health



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Welcome from CERN computing

*Monday 18 October 2021 13:00 (5 minutes)*

Alberto Di Meglio –Head of CERN openlab

**Presenter:** DI MEGLIO, Alberto (CERN)

Contribution ID: 2

Type: **not specified**

## Welcome from Chelonia

*Monday 18 October 2021 13:05 (5 minutes)*

James Beacham, particle physicist with the ATLAS Experiment at CERN, and Duke University;  
Communications Ambassador-at-Large, Chelonia Applied Science

**Presenter:** BEACHAM, James (Duke University (US))

Contribution ID: 3

Type: **not specified**

## **Exascale computing and public health: An overview (25+5)**

*Monday 18 October 2021 13:10 (30 minutes)*

Andrea Beccari, Head R&D Platforms and Services at Dompé farmaceutici and Project Coordinator for Exscalate4COV & LIGATE.

**Presenter:** ANDREA BECCARI (Dompé farmaceutici)

Contribution ID: 4

Type: **not specified**

## **ExaHealth machines: supercomputers at work (25+5)**

*Monday 18 October 2021 13:40 (30 minutes)*

Sanzio Bassini, Director of Supercomputing Applications CINECA

**Presenter:** BASSINI, Sanzio (CINECA)

Contribution ID: 5

Type: **not specified**

## **Enhancing analysis performance and reproducibility with containers and the cloud (25+5)**

*Monday 18 October 2021 14:20 (30 minutes)*

Ricardo Rocha, Computing Engineer in the CERN cloud team

**Presenter:** ROCHA, Ricardo (CERN)

Contribution ID: 6

Type: **not specified**

## **CERN openlab / CERN Science 4 Open Data (CS4OD): use cases for the life sciences**

*Monday 18 October 2021 14:50 (50 minutes)*

Anna Ferrari, Senior Fellow at CERN openlab and Alexandros Ioannidis CERN-IT Zenodo Service Manager

**Presenters:** FERRARI, Anna (CERN); IOANNIDIS, Alexandros (CERN)

Contribution ID: 7

Type: **not specified**

## **Panel: HPC and ML for public health in Europe and beyond: Where do we go from here?**

*Monday 18 October 2021 15:50 (1h 10m)*

Panel: “HPC and ML for public health in Europe and beyond: Where do we go from here?”, featuring experts from CERN openlab, EuroHPC, Dompé, CINECA, and SAS.

**Presenters:** BECCARI, Andrea (Dompé farmaceutici); FERRARI, Anna (CERN); KNEZEVIC, Ivan (Ministry of Economic Development of Montenegro (ME)); BEACHAM, James (Duke University (US)); WOOD, Josephine (EuroHPC JU); GIRONE, Maria (CERN); LAMBRECHT, Mark (SAS); BASSINI, Sanzio (CINECA)