



# Workshop Wrap-up

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# What we discussed

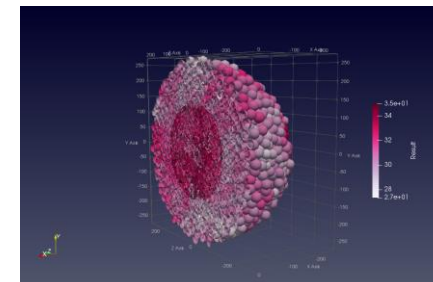
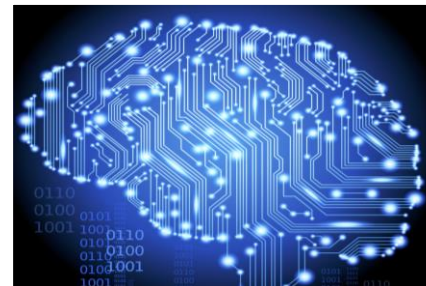
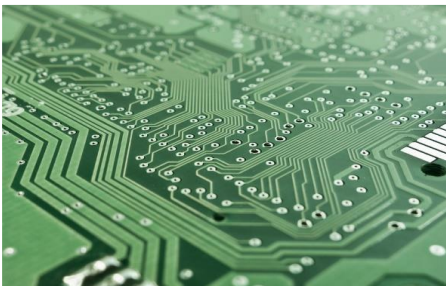
## *Workshop themes*

**Theme 1: Exploring Heterogeneous architectures (CPUs, FPGAs, GPUs)**

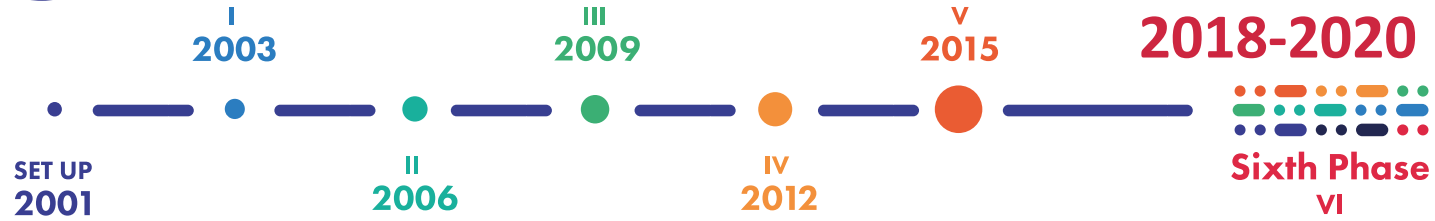
**Theme 2: Utilizing HPC, Clouds and enabling data center technologies (Database and Storage)**

**Theme 3: Changing Paradigms with ML, DL, Data Analytics and Quantum Computing**

**Theme 4: Sharing Solutions with other Sciences**



# Preparing for CERN openlab Phase VII



2020 is the year of preparation of the next phase of CERN openlab

- We will **organise topical workshops**

- Heterogeneous architectures, HPC, Clouds, and enabling technologies
  - Unified programming models
  - Demonstrators with large scale resources
  - Interoperability across sites and clouds
  - storage and database technologies

- AI and DA
  - Models
  - Optimizations on different platforms
  - ML as a service and AI on HPC/Clouds

- Quantum Technologies
  - Communication
  - Sensing
  - Computing

# CERN openlab events in 2020

- Thematic Workshops
- Setting-up of “**centers of expertise**” via technology specific trainings, hands-on, hackathons
- CERN openlab Collaborations Board
- CERN openlab open-day



**MANY THANKS!!!**

