



Contribution ID: 27

Type: **not specified**

Research & Business - OPENLab - IT Technology Transfer at CERN

Friday, September 21, 2018 9:00 AM (1 hour)

CERN openlab as a model for R&D and Technology Transfer at CERN

Abstract: CERN openlab was created in 2001 as a way of establishing a new collaboration channel between CERN and ICT industry.

Over the past 17 years, it has become a reference for joint R&D and technology transfer at CERN in support of the future computing

and data requirements of the increasingly challenging LHC research programme. This talk will show how CERN openlab works and

what are the elements that have allowed successful public-private partnership to be established in as diverse domains as data

acquisition, storage, computing platforms and software, cloud computing, networks or machine learning. The current technological

challenges and the directions of investigations will be briefly explained as well as the importance of communication and education to

support ambitious R&D programmes.

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Session Classification: From research to business