



Contribution ID: 41

Type: **Presentazione orale**

## Implementation of a Workflow for Secure Access to Cloud Services via a Two-Factor Authentication Portal

*Thursday, 23 May 2024 14:55 (25 minutes)*

Cloud e-Infrastructure exposes several services to a great variety of users belonging from different scientific domain. A common requirement for those communities is the cybersecurity.

In computer security we refer to “hardening” as the process of making a potential vulnerable software secure from malicious users and cyberattack.

Hardening is essential when a software is offered in a cloud environment and it involves sensitive information such as clinical data.

Our solution is to provide a secure and reliable platform for scientific collaboration, enabling research to work in an environment conform to stringent safety standards and regulatory compliance.

In this work we present the standard technologies adopted in order to harden the Cloud Certified Environment where a medical application runs, supporting the activities in Silicon Medicine & Omics Data in the context of the National Research Center in HPC, Big Data, and Quantum Computing (ICSC-Spoke8).

**Primary author:** ROTONDO, Riccardo (Istituto Nazionale di Fisica Nucleare)

**Co-authors:** MARTELLI, Barbara (Istituto Nazionale di Fisica Nucleare); ORLANDO, Enrico Gaetano (Istituto Nazionale di Fisica Nucleare); Dr PAPPALARDO, Francesco (Università degli Studi di Catania); BELLUOMO, Patrizia (Istituto Nazionale di Fisica Nucleare); MONFORTE, Salvatore (Istituto Nazionale di Fisica Nucleare); IENTILE, Valentina (Istituto Nazionale di Fisica Nucleare)

**Presenter:** ORLANDO, Enrico Gaetano (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Sessione “Servizi ICT”

**Track Classification:** Servizi ICT