



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



Centro Nazionale di Ricerca in HPC,
Big Data and Quantum Computing


WP2.5: Meeting 10/11/2023

WP5 Leader: Daniele Spiga (INFN – sez. Perugia) & Elvira Rossi (Università Federico II di Napoli)
Contributors: INFN, UNIMIB, UNINA, ROMA1, UNITS, UNIBO, UNIPD, UNIFE

Meetings and other news

Updates from the Meetings with Spoke Leadears: <https://agenda.infn.it/category/1783/>

- 27 Oct: [Diciassettesimo meeting Wpleaders](#)
 - [document](#) with resource request for the RAC
 - [Spoke-2 internal document](#) with an evaluation of the possible requests
 - [Manual](#) to compile the document for the resource request
 - Spoke-2 leaders would like to have the first document for the 19th of November 2023

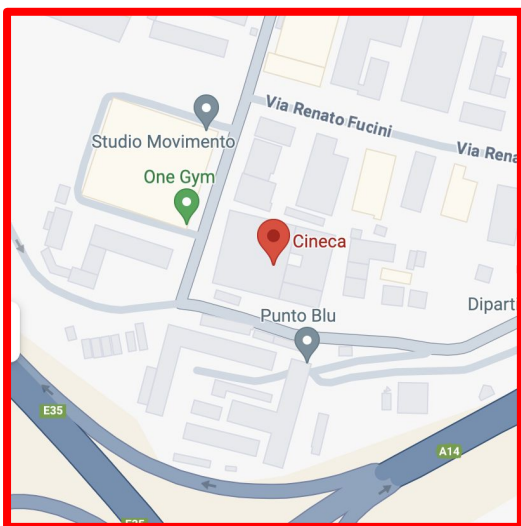


The diagram illustrates the user flow from the ICSC portal to the login page. On the left, the ICSC portal home page is shown, featuring the ICSC logo and the text "Centro Nazionale di Ricerca in HPC, Big Data and Quantum Computing". Below the logo, there is a "Home" link and a section titled "RICHIESTA RISORSE E SERVIZI ICSC". Under this section, the code "Cod: rrs-2023" is displayed, along with the dates "31-10-2023 12:00" and "29-08-2025 15:00". A button labeled "GESTISCI LE DOMANDE / MANAGE YOUR APPLICATIONS" is also present. An arrow points from this page to the login page on the right. The login page features a "Credenziali" dropdown menu with "PICA / REPRISE" selected. Below this are fields for "Username" and "Password", each with an "i" icon for help. A "Ricordami" checkbox is located below the password field. A "Login" button is positioned below the "Ricordami" checkbox. To the right of the login form, there is a box explaining the SPID system and a button labeled "Accedi con SPID o Credenziali Istituzionali". At the bottom of the login page, there are two buttons: "Nuova registrazione" and "Credenziali dimenticati?".

Spoke 2 - End of Year Event

The meeting will be in person **18-20/12/2023** at [Cineca - Casalecchio sul Reno](#) - so book the dates!

- Agenda is growing [here](https://agenda.infn.it/event/38374/): <https://agenda.infn.it/event/38374/>
- Registration will be open in the next days (between today and monday)
- Propose lightning talks (10-12 minutes) on the activities ongoing giving priority to new hires with PNRR funds (deadline 5/12/2023)
- Useful information on the indico page



WP5 - High Rate Analysis

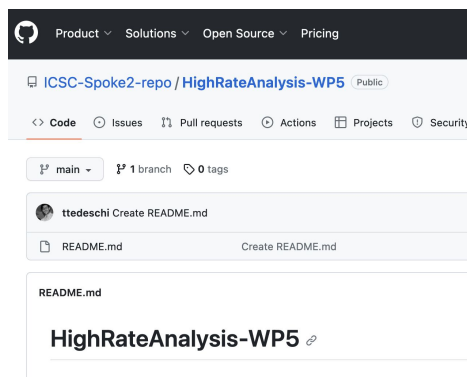
Topics and next steps:

- Cleaning High Rate Analysis code, document and upload a starting point on [git](#) (<1 week)
- Testing the code on git (~2 weeks)
- Prepare the setup for INFN cloud (~2-3 weeks)
- Preparing an example of use-case (~2-3 weeks)
- Test of WP1/WP2 use cases on the High Rate Analysis
- Extend the setup to non-INFN cloud resources

WP5 priority tasks:
*To do before Christmas
break...much better for
End of year meeting*

*Support people from
WP1/WP2 ⇒ shared use cases
with WP5*

*WP5 priority task for the
beginning of 2024*



Introductory course to HLS FPGA programming

Registrations to the FPGA course are now open at the agenda of the course:

<https://agenda.infn.it/event/38191/>

Lecturers:

- Giovanni Petruciani (CERN),
- Sioni Summers (CERN),
- Mirko Mariotti (UniPG & INFN)

Facilitators for the afternoon hands-on sessions:

- Marco Lorusso,
- Giulio Bianchini.

Prerequisites for a successful attendance and comprehension of the lessons:

- basic C++ programming with usage of templates
- basic python programming
- entry level knowledge of machine learning (not really needed, but it may help for the last part of the course)

As usual, the course is open to everybody, giving higher priority to people working within the PNRR project, but given the small number of expected participants we do not see any problem at the moment, so we would invite whoever is interested to register.

Introductory course to HLS FPGA programming.

27–30 Nov 2023
Europe/Rome timezone

Enter your search term

Overview

Registration

Participant List



ICSC

Centro Nazionale di Ricerca in HPC,
Big Data and Quantum Computing

Introduction to FPGA programming.



27-30 November 2023
Registration is now open!!!

WP5 logistic and upcoming meetings

December 2023

 20 Dec Biweekly Meeting Spoke2 - WP2.5

 08 Dec Biweekly Meeting Spoke2 - WP2.5

November 2023

 22 Nov Biweekly Meeting Spoke2 - WP2.5


Today's agenda

Wednesday h12:00

Topics for our next Meeting

- Regular updates from the high rate analysis activities so we are sure that WP5 is on track
- Regular updates on the infrastructure

Biweekly Meeting Spoke2 - WP2.5

 Friday 10 Nov 2023, 14:00 → 15:30 Europe/Rome

Description [Link zoom: https://cern.zoom.us/j/66697452891?pwd=bmtvenZLa0MrUmtybXhDdENNMDkZz09](https://cern.zoom.us/j/66697452891?pwd=bmtvenZLa0MrUmtybXhDdENNMDkZz09)

ID riunione: 666 9745 2891
Codice d'accesso: 135473

14:00	→ 14:15	WP5 news and updates	🕒 15m	📝
Speakers: Daniele Spiga (Istituto Nazionale di Fisica Nucleare), Elvira Rossi (Istituto Nazionale di Fisica Nucleare)				
14:15	→ 14:30	Round Table	🕒 15m	📝
14:30	→ 15:00	AOB	🕒 30m	📝
Speakers: Alessandra Fanfani (Istituto Nazionale di Fisica Nucleare), Andrea Bressan (Istituto Nazionale di Fisica Nucleare), Daniele Spiga (Istituto Nazionale di Fisica Nucleare), Elvira Rossi (Istituto Nazionale di Fisica Nucleare), Luca Tomassetti (Istituto Nazionale di Fisica Nucleare), Mattia Bruno (Universita' di Milano-Bicocca)				