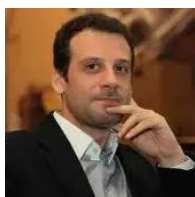


## PERSONAL INFORMATION



## Stefano Matthias PANEBIANCO

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## CURRENT POSITION

## Principal Advisor for Large-Scale Infrastructures at the French Ministry in charge of Higher Education and Research

## WORK EXPERIENCE

2025–present

## Principal Advisor for Large-Scale Infrastructures

Ministry of Higher Education and Research (MESR), DGRI/SSRI/A2

- Strategic monitoring and governance of large-scale Research Infrastructures (CERN/FCC, FAIR, ESS, ITER/WEST, Eu-XFEL, ELI, Einstein Telescope, etc.)
- Coordination of the update of the French Research Infrastructure Roadmap (domains “Nuclear and high energy particle physics” and “Matter sciences and Engineering”)
- Representation of MESR in cross-ministry and European bodies

2019–present

## Research Director

CEA Paris-Saclay, Irfu/Nuclear Physics Department

- Scientific coordinator for the HCERES evaluation of IRFU; Chair of the Scientific and Technical Council of the Nuclear Physics Department
- Senior expert in subatomic physics and instrumentation

2015–present

## Scientific Associate

CERN, Experimental Physics Department

- Project Leader of the LHCb Upstream Tracker Upgrade (from 2023); Team Leader for the CEA group and member of the LHCb Collaboration Board
- Project Leader of the ALICE Muon Forward Spectrometer (until 2024); member of the ALICE Management, Technical and Resource Boards

2005–2015

## Research Engineer

CEA Paris-Saclay, Irfu/Nuclear Physics Department

- Principal developer of the scission-point model (SPY) for nuclear fission studies; spokesperson of several Lohengrin experiments (ILL)
- Development of the FIDIAS TPC detector; co-developer of the FALSTAFF spectrometer and inverse kinematics fission studies (VAMOS, GANIL)
- Co-developer of the fELISE neutron detector (FAIR/GSI); scientific responsible for MEGAPIE neutron measurements (PSI) and Mini-Inca fission/capture cross-sections (ILL)

2002–2005

## PhD student

CEA Saclay (Dapnia) / CERN (COMPASS experiment)

- Measurement of gluon polarization in the nucleon with COMPASS

2001–2002

## Teaching Assistant

Università degli Studi di Cagliari, Italy

- Lectures on electromagnetism for engineering students

## EDUCATION AND TRAINING

- 2018 **Habilitation to Supervise Research (HDR)**  
Université Paris-Saclay
- 2002-2005 **PhD in Nuclear and Particle Physics**  
Université Paris Sud
- 1996–2001 **Master's degree in Physics**  
Università degli Studi di Cagliari, Italy
- 1991–1996 **Scientific Bachelor**  
Liceo Scientifico A. Pacinotti, Cagliari, Italy

## PERSONAL SKILLS

**Mother tongue(s)** Italian and French

**Other language(s)**

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | C2            | C2      | C2                 | C2                | C2      |