



Scientific and Technical Committee

Nuclear Physics Department

Cédric Mezrag

June 1, 2026



General Information

CSTD organisation

- Current council members (duly elected or appointed)
 - Éric Dumonteil
 - Andrea Ferrero (secretary)
 - Cédric Mezrag (chair)
 - Loïc Thulliez
 - Magdalena Zielinska

CSTD organisation



- Current council members (duly elected or appointed)
 - Éric Dumonteil
 - Andrea Ferrero (secretary)
 - Cédric Mezrag (chair)
 - Loïc Thulliez
 - Magdalena Zielinska
- Elections are expected next fall
 - One empty seat after the end of Vittorio's term
 - Eric's term ends in December 2026 ⇒ we are looking for two new members

CSTD organisation

- Current council members (duly elected or appointed)
 - Éric Dumonteil
 - Andrea Ferrero (secretary)
 - Cédric Mezrag (chair)
 - Loïc Thulliez
 - Magdalena Zielinska
- Elections are expected next fall
 - One empty seat after the end of Vittorio's term
 - Eric's term ends in December 2026 ⇒ we are looking for two new members

Those of you interested in joining the CSTD should let us know

CSTD Missions

Overview



- Evaluation of DPhN Scientific Projects
 - Main and historical activity of the CSTD.
 - Two to three projects evaluated every year.
 - A yearly report is sent to the head of DPhN.

CSTD Missions

Overview



- Evaluation of DPhN Scientific Projects
 - Main and historical activity of the CSTD.
 - Two to three projects evaluated every year.
 - A yearly report is sent to the head of DPhN.
- Contribution to the internal evaluation process of proposals submitted for national and international calls
 - This includes (in principle) internal CEA calls

CSTD Missions

Overview



- Evaluation of DPhN Scientific Projects
 - Main and historical activity of the CSTD.
 - Two to three projects evaluated every year.
 - A yearly report is sent to the head of DPhN.
- Scientific monitoring
 - I believe everyone is checking arXiv regularly
 - Suggestion of speaker for our DPhN seminars
- Contribution to the internal evaluation process of proposals submitted for national and international calls
 - This includes (in principle) internal CEA calls

CSTD Missions

Overview

- Evaluation of DPhN Scientific Projects
 - Main and historical activity of the CSTD.
 - Two to three projects evaluated every year.
 - A yearly report is sent to the head of DPhN.
- Scientific monitoring
 - I believe everyone is checking arXiv regularly
 - Suggestion of speaker for our DPhN seminars
- Contribution to the internal evaluation process of proposals submitted for national and international calls
 - This includes (in principle) internal CEA calls
- Outreach
 - Partly covered by “Fait Marquant”
 - Specific initiatives (movies on nuclei charts or proton structure)

CSTD Missions

ANR Calls

- CSTD will concentrate only on ANR calls:
 - Generic and JCJC calls in late October.
 - We intend to discuss only the four-pages preproposal.
 - CSTD plays the role of a non-expert committee.
 - The goal is that a meeting could be organised the week before autumn school vacations.
 - A long-term objective is also to build a CSTD database of criticisms preventing projects to go to phase 2.
- CSTD will be open to discuss other calls or steps at the wish of the PI but we do not plan to make it standard:
 - ANR phase 2 document is written for field experts limiting the impact of CSTD.
 - UPSaclay have already helping teams for ERC grants for instance.



Scientific evaluation

2026 session

2026 Scientific evaluation

Schedule

- **Nuclear Physics Roadmap: Status and Updates**
 - Speaker: Hervé Moutarde

2026 Scientific evaluation

Schedule

- **Nuclear Physics Roadmap: Status and Updates**
 - Speaker: Hervé Moutarde
- **Fundamental Physics Approaches to Nuclear Energy: Making Sense of (Neutron) Noise**
 - Spokes Person: Éric Dumonteil
 - Referees:
 - Sandra Dulla (Politecnico Torino, Italy)
 - Adrien Bidaud (LPSC Grenoble, France)
 - Cédric Mezrag (Irfu/DPhN Saclay)

2026 Scientific evaluation

Schedule

- **Nuclear Physics Roadmap: Status and Updates**
 - Speaker: Hervé Moutarde
- **Fundamental Physics Approaches to Nuclear Energy: Making Sense of (Neutron) Noise**
 - Spokes Person: Éric Dumonteil
 - Referees:
 - Sandra Dulla (Politecnico Torino, Italy)
 - Adrien Bidaud (LPSC Grenoble, France)
 - Cédric Mezrag (Irfu/DPhN Saclay)
- **nTOF experiment results and perspectives after the LHC long shutdown 3**
 - Spokes person: Frank Gunsing
 - Referees:
 - Arjan Plompen (EC-JRC Geel)
 - Stephan Pomp (Uppsala University)
 - Loic Thulliez (Irfu/DPhN)



Thank you

Any question ?