

NUPECC LRP 2024

TWG9

Open Data and Science

23/03/2024

AGENDA

- 1) Presentation of the members (10') (All)
- 2) Presentation of the TWG9 scope and timelines of LRP, coordination with other TWG (10')
- 3) Discussion of the definition of sub working groups/topics (45')
- 4) Preparation of the Kick Off Meeting : (45")

TWG9 Members

- Hector Alvarez-Pol (USC)
- Stefano Bianco (INFN Frascati)
- Vivian Dimitriou (IAEA)
- Xavier Espinal (CERN)
- Michel Jouvin (IJCLab)
- Adrien Matta (LPC Caen)
- Caterina Michelagnoli (ILL)
- Andrew Mistry (GSI/FAIR)
- Panu Rahkila (JYFL)
- Manuela Rodriguez (Sevilla)
- Olivier Stezowsky (IP2I)
- Enrico Viguzzi (INFN Milano)

TWG Convener : Antoine Lemasson (GANIL)

NUPECC LRP SC Liaison : M. Lewitowicz



Tight Timeline !

The overall schedule of the LRP 2024 is the following (in green already accomplished milestones):

- **May 2022: Call for inputs from the community**
- **28th of October 2022: Submission of community inputs CLOSED**
- **October 2022 – November 2022**
- **1&2 Dec. 2022: Conveners approved at the NuPECC meeting**
- **December 2022 – January 2023 : Formation of the TWG by Coordinators**

- **February 2023 – March 2023 : TWG Kick-off meetings**
- **March 2023 – June 2023: analysis of community inputs by the WG,
request of additional inputs if needed and interaction with the community**
- **May 2023: Progress report by Conveners at the Steering Committee meeting + writing of a draft of each chapter**

- June 2023: Status report at the NuPECC meeting
- **September 2023: Drafting session of NuPECC liaisons and conveners to elaborate general LRP recommendations**
- **October 2023: Presentation and approval of Final Draft + Draft Recommendations at the NuPECC meeting**
- November 2023 - January 2024: Layout and editing of the LRP Draft
- February 2024: Final Draft + Draft Recommendation to be put on the NuPECC Website for community feedback
- May 2024: Town Meeting - presentation and feedback from the community
- June 2024 – September 2024: final editing of LRP
- October 2024: Finalisation and approval of the LRP at the October NuPECC meeting
- November/December 2024: LRP presentation in Brussels

- NUPECC Indico website will be used a support :

<https://indico.ph.tum.de/category/72/>

- Initial contribution :
« Road map to open science in nuclear physics »

https://indico.ph.tum.de/event/7050/contributions/6360/attachments/4460/5683/OpenNP_NUPECC-1.3.pdf

« Road map to open science in nuclear physics »

Initial proposal to trigger a prospective work on open science practices in Nuclear Physics in Europe.

- Open Science, Data Cycle,
- Data Catalogs (FAIR Data, Software,)
- Authentication and Authorization
- Data Lakes and computing/analysis platforms

far from being exhaustive

Topical Sub Groups

(Preliminary suggestions to be discussed)

1) Open Science (Publications, ...)

Stefano +

2) FAIR Data sets (DMPs, FAIRification of Datasets, Catalogs, ...)

Adrien + Olivier + Caterina + Panu,

3) Open Softwares and Analysis Workflows

Olivier + Hector + Manuela + Enrico

4) Infrastructures (AAI, « DataLakes », Theory and Analysis platforms)

Michel + Xavier + Caterina + Manuela +

5) Nuclear Data (Bases) and Evaluation

Vivian +

6) How to organize Long Terms Coordination (Coordination of National and European initiatives)

Stefano, Panu, Andrew, ...

7) Promotion and Recognition of Open Science and Data activities

All ...

8) Link other TWG (Tools TWG8, Societal TWG10)

Missing topics ?

Do we have the expertise for these ?
in which subgroup to yo want to contribute ?

Towards the Kick-Off Meeting

- Survey on present activities and initiatives in the different topics
- Presentation of these topics
- Drafting

Kick Off Meeting in May ?

- Remote Meeting in May (0.5 day)

Please answer to the survey : https://evento.renater.fr/survey/manage?focus_id=dd8nvzas

- Open to the community
- Recommended coordination with other TWG

Proposed Topics

- Introduction to Open Data and Science Challenges in Nuclear Physics
- Presentation of the TWG9 and subworking groups :
- Reporting on the sub-working groups
- Presentation from TWG8 (Tools for NP) and 10 (NP for society)
- ...

