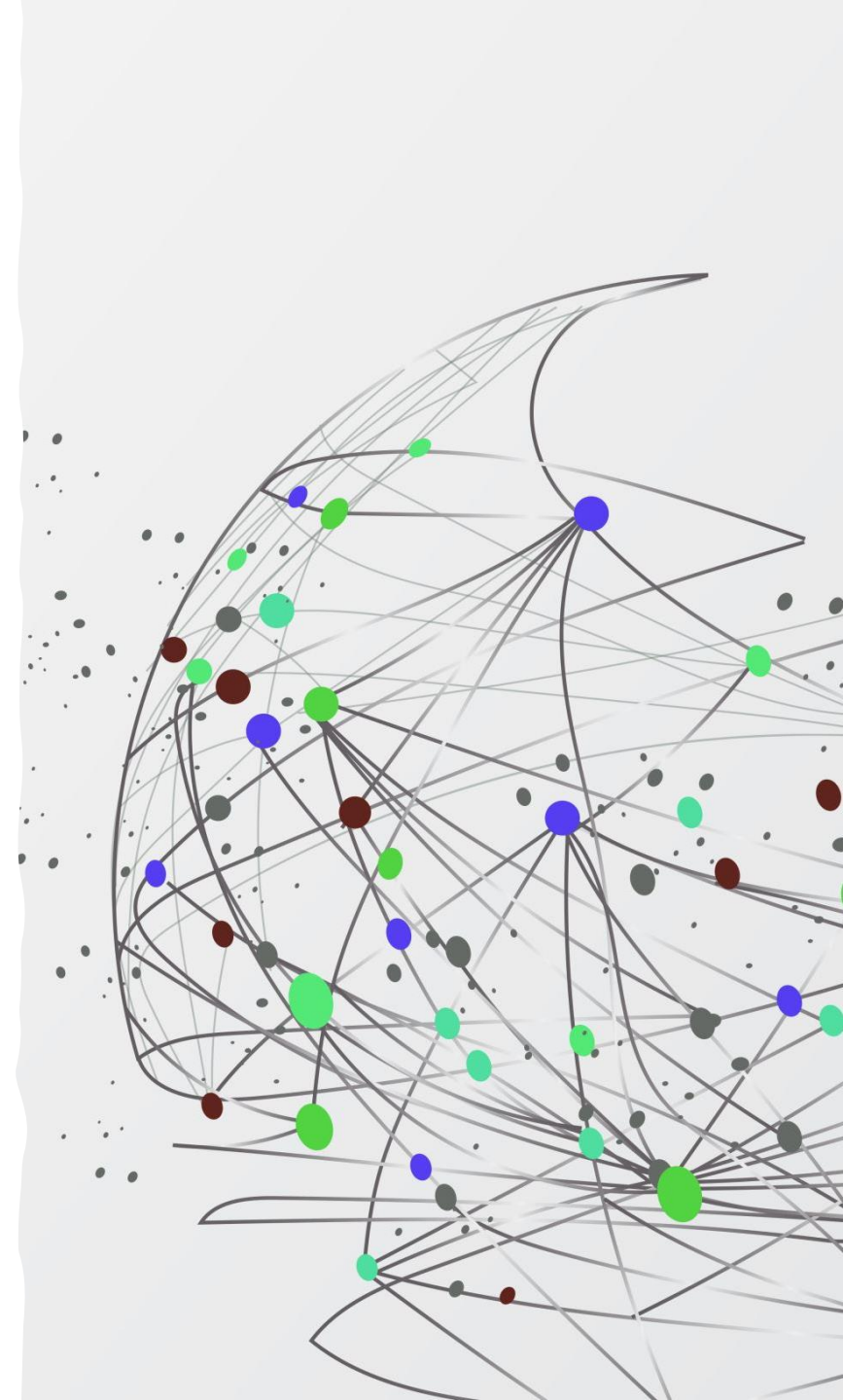


TWG 9 : Open Science and Data

Antoine Lemasson
GANIL

13/09/2023



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 Vigezzi (INFN Milano)

TWG Convener : Antoine Lemasson (GANIL)

NUPECC LRP SC Liaison : M. Lewitowicz

TWG9 : Sub-WG

SWG-1 : Open Science and Data Policies (A. Mistry - GSI)

S. Bianco, A. Mistry, X. Espinal, A. Lemasson

SWG-2 : FAIR Data Life cycle (A. Matta - LPC Caen)

A. Matta, O. Stezovsky, E. Vigezzi, P. Rahkila, C. Michelagnoli, + M. La Cognata (Expert)

SWG-3 : Software (O. Stezowsky - IP2I Lyon)

H. Alvarez-Pol, M. Rodriguez Gallardo, E. Vigezzi, A. Matta, A. Lemasson,

SWG-4 : Infrastructures (M. Jouvin - IJCLab)

M. Jouvin, X. Espinal, C. Michelagnoli, M. Rodriguez Gallardo, H. Alvarez-Pol, A. Lemasson

SWG-5 : Nuclear Data (Databases) and Evaluation (V. Dimitriou - IAEA)

V. Dimitriou, C. Michelagnoli, A. Lemasson

Activities of the Working Group

- 17/05/2023 : (Online) Kick-Off Meeting
- 06/07/2023 : (Online) First Drafting Meeting – Document and WG Structures with the participation of C. Vandevoorde (WG7)
- During Summer :
Drafting of online shared documents with wide inputs from the various subgroups
- 06/09/2023 : (Online) Consolidation of the report content, discussion about recommendation drafting and target audience of the document
- Next Meeting in 2 weeks (date being fixed...):
Aim at final subworking groups texts and recommendation to finalize / uniformize the WG report
- Limited exchanges so far with other WG due to time constraints
 - Exchanges on Nuclear Data with WG7 (V. Dimitriou)
 - WG6
 - WG7
 - WG10

Status of the report drafting

Report outline

- Open science and Data Policies
 - Towards FAIR Research Data Life cycle
 - Open Softwares and Analysis Workflows
 - Infrastructures for effective Open Science
 - => Discussion with TWG8 and TWG6 required
 - => Shared Recommendations ?
 - Nuclear Data (Databases) and Evaluation
 - => Synergies / Discussion with TWG7
 - => Sharing of the Nuclear Data Content
- => Different level of maturity of the sub parts
(30 pages of notes / infography => 15 pages)
- => Discussion on the target of the report and recommendations
(Community and Funding agencies)

TWG9 – Open Science and Data

- **New Subject for LRP 2024** – Starting from scratch
- WG activities are ongoing with defined sub-topics, main structure of the document achieved
- Ahead of the WG a major work of homegeisation between the sub-groups to be achieved
- Exchanges with TWG6 and TWG8 (infra ? ML ?) before final draft may be certainly useful, Also important to link with TWG10 ?

TWG9 at the crossroads covering a wide range of topics ranging across the whole scientific process from data taking, data policies, analysis and publications but also infrastructure strategies and European coordination of the data policies.