



CONNECT-NM kick-off meeting

Dates: 2-4 October 2024

Venue: Auditorium of CIEMAT, Avda. Complutense 40, Madrid, Spain

Registration link: <https://www.eventbrite.be/e/connect-nm-kick-off-meeting-tickets-925160679497?aff=oddtcreator>

Deadline for registration: 20th of September 2024

The kick-off meeting of CONNECT-NM intends to be the occasion not simply for launching the activities of the Partnership on nuclear materials but, first and foremost, to create connections with stakeholders ranging from other partnerships to associations, international organisations, projects of relevance and, in general, past practices and initiatives from which to learn.

For this reason, the meeting will be held over three days, according to the following agenda.



Day 1 02/10/2024		
8:30	9:15	Arrival through the main entrance (Badge delivery - please be there early as this process requires ID verification)
Morning session		Introduction & Partnerships
9:15	9:30	<u>Yolanda Benito</u> , director of CIEMAT
9:30	9:45	Domènec Espriu or Joaquín Serrano, Spanish Research Agency
9:45	10:00	<u>Carlos Hidalgo</u> , director of the National Fusion Laboratory
10:00	10:30	<u>Mykola Dzubinski</u> , EC - DG RTD - Euratom unit
10:30	11:00	Andrei Goicea or Guilherme Cardoso, NuclearEurope
11:00	11:30	Break
11:30	11:50	<u>Jean-Christophe Gariel</u> , IRSN – coord. PIANOFORTE
11:50	12:10	* <u>Louise Theodon</u> , Andra – coord. EURAD2
12:10	12:30	* <u>Ambrogio Fasoli</u> , Eurofusion
12:30	13:00	<u>Lorenzo Malerba</u> , CIEMAT
13:00	14:30	Lunch
Afternoon session		Stakeholders
14:30	15:00	Jerôme Gavillet, CEA, or other from IAM4EU – Partnership on advanced materials
15:00	15:30	Michelle Bales and/or Alice Dufresne, NEA

CONNECT-NM – kick-off meeting

The PIANOFORTE partnership on radiation protection research
European Joint Programme on Radioactive Waste Management: key achievements and challenges
EUROfusion status and perspectives
CONNECT-NM: Co-funded European Partnership on Nuclear Materials



15:30	16:00	<u>Charles Toulemonde</u> , EDF – coord. OFFERR	OFFERR, a European project to mutualize nuclear experimental infrastructures in Europe
16:00	16:30	Break	
16:30	17:00	<u>Per Seltborg</u> , SSM – Regulators' point of view	The regulator's point of view
17:00	17:30	<u>Helge Stein</u> , TUM – BIGMAP project (batteries)	
17:30	18:00	*<u>Meimei Li</u> , ANL – AMMT DOE Nucl. Energy Project	U.S. Department of Energy Office of Nuclear Energy Advanced Materials and Manufacturing Technologies (AMMT) Program
18:00		End of day 1	

Day 2 03/10/2024			
8:45	9:00	Arrival	
Morning session		Research lines	
09:00	10:30	<i>RL3: Materials & component qualification: testing, standardisation & design rules</i>	
9:00	9:30	<u>Xavier Borrás</u> , I-TRIBOMAT GmbH: The European Tribology Centre	Setting up the European Tribology Centre
9:30	10:00	<u>Davide Pizzocri</u> , Polimi, and <u>Marjorie Bertolus</u> , CEA	Towards accelerated qualification of nuclear fuel
10:00	10:30	<u>Massimo Angiolini</u> , ENEA - Research Line Leader	Materials & component qualification: testing, standardisation & design rules in CONNECT-NM
10:30	11:00	Break	
11:00	12:30	<i>RL4: Non-destructive examination & materials health monitoring</i>	
11:00	11:30	<u>Andreas Schumm</u> , EDF	



11:30	12:00	*Bastien Poubeau , IRSN	Euratom project FIND: Structural Health Monitoring, Digital Twins and other advanced instrumentations to prevent and mitigate accidents in existing nuclear reactors
12:00	12:30	<u>Madalina Rabung</u> , Fraunhofer IZFP – Research Line Leader	Non-destructive examination & materials health monitoring in CONNECT-NM
12:30	14:00	Lunch	
Afternoon session		Research lines	
14:00	15:30	<i>RL2: Advanced materials development and manufacturing</i>	
14:00	14:30	<u>Özlem Özcan</u> , BAM – Towards a nuclear MAP	
14:30	15:00	Saco Nakamae , CEA – Coord. EU-MACE	COST Action EU-MACE: European Materials Acceleration Center for Energy
15:00	15:30	<u>Marialuisa Gentile</u> , Newcleo - Research Line Leader	Advanced materials development and manufacturing in CONNECT-NM
15:30	16:00	Break	
16:00	17:30	<i>RL5: Advanced materials modelling and characterization</i>	
16:00	16:30	*Laurent Béland , Queen's University Kingston –Blending artificial intelligence and physical models	Machine learning and nuclear materials: progress, opportunities, challenges
16:30	17:00	<u>Grace Burke</u> , INL, P. Em. Manchester University – Advanced microstructural characterisation	
17:00	17:30	<u>Maria Oksa</u> , VTT – Research Line Leader	Advanced materials modelling and characterization in CONNECT-NM
17:30		End of day 2	



Day 3 04/10/2024			
8:45	9:00	Arrival	
Morning session 1		Research lines	
09:00	10:30	<i>RL5: Nuclear materials knowledge & data management</i>	
9:00	9:30	<u>Gerhard Goldbeck</u> , Goldbeck Consulting Ltd., on EMMC	EMMC - European community activities in materials modelling, digitalisation, interoperability and data standards
9:30	10:00	Costas A. Charitidis, NTUA, or Marco Sebastiani, U. Roma Tre, on EMCC	
10:00	10:30	Emanuele Ghedini, UniBo, Research Line Advisor, and/or Michal Pecelerowicz, NCBJ, Research Line Leader	Nuclear materials knowledge & data management in CONNECT-NM
10:30	11:00	Break	
Morning session 2		Role of Platforms	
11:30	11:50	Ivan Matejak – EERA	
11:50	12:10	<u>Gabriel Pavel</u> – ENEN	ENEN-what it is and how it can contribute to the project
12:10	12:30	TBD – SNETP representative	
12:30	13:30	Lunch	
Afternoon session		Transversal activities and organisation of calls	
13:30	14:00	<u>Marjorie Bertolus</u> , CEA	WP2: Education, training and access to infrastructure
14:00	14:30	Maria Luisa Fernández Vanoni, EERA	WP3: Communication, dissemination and result exploitation
14:30	15:00	<u>Lorenzo Malerba</u> , CIEMAT	WP1: Coordination and daily management, call organisation
15:00	15:30	All	Wrap up, discussion and closure



15:30

End of meeting

The meeting will be in person. No possibility to attend remotely will be foreseen. Only speakers from outside the Partnership will be exceptionally enabled to talk remotely. The goal of the meeting is for people to meet and talk beyond strictly the content of the presentations.

Mandatory registration is now open: please follow this [link](#).

Important registration-related information:

- 1) Please be aware that entering CIEMAT requires an **ID-checking process** to deliver a badge. Therefore, participation will not be possible without timely registration in which you need to **indicate the Identification Number of your (National) identity document (ID)**. Furthermore, **remember to bring this ID** for your in-person registration at CIEMAT.
- 2) Once you click on the registration link above, you will be prompted to an Eventbrite page, the platform used for registration. Once there, click on **Select tickets**. Once at the tickets section, please select those for the days you plan to be present.
- 3) Once you register, you will receive two automatic emails from Eventbrite, the platform used for registration. **You do not need to take any additional action regarding your tickets**, neither download them nor access an app. These mean that your registration has been successfully recorded and we have the information required.

We hope to meet all of you at the kick-off meeting of CONNECT-NM.

Kind regards,

Lorenzo Malerba



CONNECT-NM Coordinator