Daemon General Meeting 2024
05-06/02/2024 – Binario F, via Marsala 29H

DAEMON (Data-driven Applications towards the Engineering of functional Materials: an Open Network) is a COST Action that nurtures the growth of a cross-disciplinary and pan-European network, building capacity and promoting excellence in education and research. Its grand-objective and goal is to <u>accelerate materials discovery in Europe by means of cutting-edge computational techniques and data-driven methods.</u>

Further information about the action plan and aims can be found in the Memorandum of Understanding at: https://www.cost.eu/actions/CA22154/

DAEMON General Meeting 2024 will take place at Binario F, Via Marsala 29H. The aim of the meeting is to foster discussions and produce actionable outcomes to build capacity and research excellence in Machine Learning for Materials Engineering. A preliminary program is as follow:

Monday 05/02/2024

05/02, 1-3pm. **Introduction to the DAEMON network** – Representatives from DAEMON will describe in greater detail the action objective and plans, together with opportunities for collaboration, mobility, and training available through internal open calls.

05/02, 3-5pm. **Stakeholders talks** - Invited speakers from industry (Roche, DeNora, Tetra Pak), startups (Materys, Dunia), and venture capitals (LVenture) describe their vision and desiderata on machine learning methods impact on materials science and engineering.

Tuesday 06/02/2024

06/02, 9.30am-1pm. **Discussion on data, workflows and codes for materials design** - Participants will split across break-out rooms to discuss on community needs, and design practical routes to achieve tangible progress in the area (e.g. white papers, reviews, perspectives, hackathons, …).

06/02, 1-4pm. **Discussion on representations and algorithms for materials design** - Participants will split across break-out rooms to discuss on community needs, and design practical routes to achieve tangible progress in the area (e.g. white papers, reviews, perspectives, hackathons, …).

		Monday 05/02/2024			Tuesday 06/02/2024
9:15	9:30	MC Registrations and Welcome	9:15	9:30	Welcome
9:30	9:45	Management Committee	9:30	9:45	Burocracy
9:45	10:00	Management Committee	9:45	10:00	WG 1 Activity - Intro
10:00	10:15	Management Committee	10:00	10:15	WG 1 Activity - break-out
10:15	10:30	Management Committee	10:15	10:30	WG 1 Activity - break-out
10:30	10:45	Management Committee	10:30	10:45	WG 1 Activity - break-out
10:45	11:00	Management Committee	10:45	11:00	WG 1 Activity - break-out
11:00	11:15	Management Committee	11:00	11:15	WG 1 Activity - break-out
11:15	11:30	Management Committee	11:15	11:30	WG 1 Activity - break-out
11:30	11:45	Management Committee	11:30	11:45	WG 1 Activity - Get together
11:45	12:00	Management Committee	11:45	12:00	WG 1 Activity - Get together
12:00	12:15	Lunch	12:00	12:15	WG 1 Activity - Get together
12:15	12:30	Lunch	12:15	12:30	Lunch
12:30	12:45	Lunch	12:30	12:45	Lunch
12:45	13:00	Lunch	12:45	13:00	Lunch
13:00	13:15	Registrations and Welcome	13:00	13:15	Lunch
13:15	13:30	Intro - Action Presentation	13:15	13:30	WG 2 Activity - Intro
13:30	13:45	Intro - WG 1	13:30	13:45	WG 2 Activity - break out
13:45	14:00	Intro - WG 2	13:45	14:00	WG 2 Activity - break out
14:00	14:15	Intro - Grants	14:00	14:15	WG 2 Activity - break out
14:15	14:30	Intro - Knowledge Dissemination	14:15	14:30	WG 2 Activity - break out
14:30	14:45	Break	14:30	14:45	WG 2 Activity - break out
14:45	15:00	Break	14:45	15:00	WG 2 Activity - break out
15:00	15:15	Ext. Stakeholder Talk - Roche	15:00	15:15	WG 2 Activity - Get together
15:15	15:30	Ext. Stakeholder Talk - Tetra Pak	15:15	15:30	WG 2 Activity - Get together
15:30	15:45	Ext. Stakeholder Talk - De Nora	15:30	15:45	WG 2 Activity - Get together
15:45	16:00	Ext. Stakeholder Talk - Dunia	15:45	16:00	DAEMON contribution helpdesk
16:00	16:15	Ext. Stakeholder Talk - Materys	16:00	16:15	DAEMON contribution helpdesk
16:15	16:30	Ext. Stakeholder Talk - LVenture	16:15	16:30	DAEMON contribution helpdesk
16:30	16:45	Flex slot	16:30	16:45	DAEMON contribution helpdesk
16:45	17:00	Flex slot	16:45	17:00	DAEMON contribution helpdesk
17:00	17:15	Apero / Informal Networking	17:00	17:15	DAEMON contribution helpdesk
17:15	17:30	Apero / Informal Networking	17:15	17:30	DAEMON contribution helpdesk
17:30	17:45	Apero / Informal Networking	17:30	17:45	DAEMON contribution helpdesk
17:45	18:00	Apero / Informal Networking	17:45	18:00	DAEMON contribution helpdesk