

Leaders Workshop ECSS 2024

Dealing with
Interdisciplinarity and Sustainability
in Research Groups and Departments

Chairs and Speakers

Chairs

[Elisabetta Di Nitto](#) — Politecnico di Milano, Italy

[Kim Mens](#) — Université catholique de Louvain, Belgium

Speakers

[Sasu Tarkoma](#) — University of Helsinki, Finland

[Gert Jervan](#) — Tallinn University of Technology, Estonia

[Alessandro Bozzon](#) — Technische Universiteit Delft, The Netherlands

[Jean-Marc Jézéquel](#) — IRISA / University of Rennes, France

YOU 🙌

Experience sharing and discussion after each speech : floor open to **entire audience**

Let's make this workshop **interactive** ; we want to learn from each other's experiences.

Some definitions

Multi-disciplinary: multiple disciplines working independently on a shared problem, each with their own methods and perspective, contributing separate insights; collaboration exists, but integration of knowledge is limited.

Inter-disciplinary: goes a step further by actively integrating and combining knowledge, methods, and perspectives from multiple disciplines to address a problem more comprehensively; disciplines work together, blending their approaches, though each retains its boundaries.

Transdisciplinary: is the most integrative approach; transcends disciplinary boundaries by developing a *new framework or methodology* that synthesizes, reorganizes and integrates knowledge from various fields to address complex real-world problems.

Link with sustainability: sustainability challenges are inherently complex problems, involving ecological, social, economic, and technological factors. Solutions to sustainability issues therefore often require a multi-, inter- and even transdisciplinary approach, as they cannot be fully addressed within the confines of a single discipline or even by combining the perspectives of a few disciplines.

Workshop Planning

<i>Time</i>	<i>Activity</i>	<i>Speaker or Moderator</i>
11:00-11:15 Opening	Introduction	Kim Mens
11:15-12:30 Session 1	Multidisciplinarity in research	Sasu Tarkoma
	Experience sharing & discussion	Kim Mens
12:30-14:00 Break	Lunch	
14:00-15:00 Session 2	Multidisciplinarity in education	Gert Jervan
	Experience sharing & discussion	Elisabetta Di Nitto
15:00-16:00 Session 3	Sustainability in research and education	Alessandro Bozzon
	Experience sharing & discussion	Kim Mens
16:30-16:30 Break	Coffee	
16:30-17:30	Community corner	Jean-Marc Jézéquel
	Discussion & Feedback	Elisabetta Di Nitto

What do we expect ?

Listen carefully to selected presentations

Presentations are there to structure and **trigger** discussions

We ask the speakers to focus on sharing **experiences**

We ask the audience to write down **questions** while listening

Afterwards use these questions to start a lively **discussion**

We take **notes** of the discussions during the meeting

and share a small **report** of the workshop notes after the meeting

The report will be circulated among attendees for **feedback**

And will be made available **publicly** after that

What do you expect ?

Before we start, any **questions** or feedback to us?

What are your **expectations** for this workshop?

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