POLISH NATIONAL AGENCY FOR ACADEMIC EXCHANGE

STER PROGRAMME

KISD

Krakow School of Interdisciplinary PhD Studies <KISD>
invites PhD students and members of the research staff
to attend the series of guest lectures given by:

Prof. Diego Mantovani

Laval University, Québec City, Canada

Developing Scientific Survival Skills for Young Scientists: How to train your brain for research

The lecture aims at giving basic guidance for personal deepening and completed by further mentorship in a perspective of becoming an independent thinker and an autonomous scientist/worker, able to create and implement an international vision that goes beyond the personal and national boundaries.

The main topics of the sessions will be:

- What are and how to integrate soft skills into professional life, what, when, how?
- The job market, and how benefit from it at local, national, and international levels?
- Seeking/applying to scholarships and funding, and how to afford international experiences in a global market
- Communication skills, including impacts and publications, planning, running and publishing quality papers
- Building your CVs, your works, planning your future CVs, and managing yourself
- The fundamental laws of 'scientific survival' (know yourself, plan ahead, and play chess)
- Ethics in science: From referencing to plagiarism, through ethical experimenting
- Alternative careers to science, but still high science content

Additional topics will relate to the process of planning, executing, critically discussing, and writing of **quality papers**, including:

- Why do we need to publish and disseminate scientific results?
- When should we start writing a paper?
- Planning, visioning and imagining… it all starts from here.
- Experimenting, discussing and criticizing.
- Writing: alone or in a team effort? One shot or iteratively? English directly or translating?
- Reviewing manuscripts and papers, including our own.
- Criticism and constructive criticism.
- Reading before writing…
- Targeting the audience, and writing for them.
- Investigations can expand information and become knowledge when it will be analyzed interactively between heterogeneous groups, with diverse ideas, and be translational research.

Schedule:

- Monday, **19.10.2026,** 1:30-4:30 PM
- Tuesday **20.10.2026**, 9:00-12:00 AM
- Monday, **26.10.2026**, 9:00-12:00 AM
- Tuesday, **27.10.2026,** 9:00-12:00 AM

Place:
IFJ PAN, ul. Radzikowskiego 152, Kraków
MSD room, building no. 5, 1st floor

Professor Diego Mantovani *is the Director of the Laboratory for Biomaterials and Bioengineering at Laval University in Canada. He is a world-renowned specialist in the field of biomaterials. His research team focuses on plasma-based surface modifications, thin functional polymer coatings, cell-material interactions, biodegradable metals, and gel scaffolds and bioreactors for tissue regeneration.*

He is the author of over 400 scientific papers, holds 5 patents, and has delivered more than 300 lectures (including invited talks) worldwide, presenting on advanced materials for biomedical and healthcare applications. His work has been cited over 16,000 times, and he has an h-index of 63.

He is regularly invited to participate in the work of Health Canada regulatory bodies concerning medical devices and to serve on ISO and FDA panels addressing regulatory procedures for biodegradable metals. He serves on the advisory boards of three medical device consortia operating across the Americas, Europe, and Asia. Since 2021, he has ranked among the top 1% of the most cited scientists worldwide, according to the Stanford University ranking. He possesses extensive experience in delivering lectures and managing a research group.

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