Mentoring young scientists: developing survival skills in science

Chair:
Fabio Variola, University of Ottawa, Ottawa, Canada, Email: fabio.variola@uottawa.ca
Federico Rosei, Institut National de la Recherche Scientifique – Énergie, Matériaux et Télécommunications, Varennes, Canada, Email: rosei@inrs.emt.ca

Symposium Summary:
This tutorial is a short version of the course on “Survival Skills for Scientists” [1] developed at INRS. This is a graduate course designed to give basic advice and offer mentorship to graduate students and post-docs. The central theme of the course and tutorial is that succeeding in Science requires skills (often referred to as ‘soft professional skills’) beyond those needed for Science. The tutorial aims at giving basic guidance and mentoring to young scientists (typically science and engineering graduate students and post-docs).


Confirmed Invited Speaker:
Federico Rosei, Institut National de la Recherche Scientifique – Énergie, Matériaux et Télécommunications, Varennes, Canada, Email: rosei@inrs.emt.ca

Invited Talk Title: Introduction to Survival Skills: managing your own career

Sidney Omelon, McGill University, Montreal, Canada, Email: sidney.omelon@mcgill.ca
Invited Talk Title: Scientific and technical writing

Naomi Matsuura, University of Toronto, Toronto, Canada, Email: naomi.matsuura@utoronto.ca
Invited Talk Title: Leadership skills for young scientists

Jean-Philippe St-Pierre, University of Ottawa, University of Ottawa, Ottawa, Canada, Email: jean-philippe.st-pierre@uottawa.ca
Invited Talk Title: Plan a successful academic career: what I wish I had known from the beginning

Tentative Plan of the Tutorial
We strongly suggest to have half day of lectures/courses/presentations. If visits, laboratories, or practical works and other activities are planned to be included, please plan them in pm
Tutorial activities (Preliminary):

8h45-9h00: Opening remarks by the Chairs
9h-10h30: Introduction to Survival Skills: managing your own career (Federico Rosei, INRS-ÉMT)
10h30-11h00: break
11h00-12h00: Leadership skills for young scientists (Naomi Matsuura, University of Toronto)
12h00-13h00: Lunch and networking
13h00-14h30: Scientific and technical writing (Sidney Omelon, McGill)
14h30-15h00: break
15h00-16h00: Plan a successful academic career: what I wish I had known from the beginning (Jean-Philippe St-Pierre, University of Ottawa)
16h00-16h15: closing remarks by the Chairs
TUTORIALS

1. 2nd Entrepreneurship Clinic and Biomaterials Pitch Competition, f
2. Biomaterials for Imaging Cells and Tissue
3. Tissue Engineering Techniques for Biomaterials
4. Survival Skills for Young Scientists: How to Survive in the Jungle of the Research
5. 3D-BioPrinting, and beyond
6. Biotechnology for Biomaterials
7.