

STRENGTHEN REFLEXIVITY ABOUT YOUR RESEARCH PRACTICE AND BUILD UP A SINCERE AND RESPONSIBLE COMMUNICATION TOWARDS TEENAGERS

Deadline for registration : 30th of September 2017

Number of participants : min. 4 – max. 8

Course summary

This training consists in 2 full days of **interactive courses** and 4 half-days of **activities in a secondary school**. You will **interact with a group of pupils, a science communicator and an artist** who are conceiving together a **theatrical performance about science, that aims at bringing forward a sincere image of research practices**.

Attendance to this workshop is for PhD students eager to enrich their academic role with a strong social commitment, or willing to explore unusual interactions between science and society.

Sessions

- 2 days workshop : reflexivity for a responsible communication of science at ESPGG (ESPCI)
- 4 x 0.5 day workshops in schools (Paris or suburbs): meet with pupils and share your research experience, to contribute to developing theatrical performances about science
- 2 x 1h session of follow-up and mentoring at ESPGG (ESPCI)

Content & skills to be developed

Training is based on case studies and on each participant's field of research. Each participant is guided to communicate about their research practice in a sincere and responsible way.

- **Reflection** about *responsible research practices* and *responsible science communication*
 - What is “Responsible Research and Innovation” (RRI) ? How is scientific research embedded in social practices, norms and values ?
 - What is “responsible science communication”?
 - How is the current call for responsible science communication situated within the history of science communication, how has it evolved through time & political changes ?
- **Practice** of responsible science communication
 - Design activities to share the “human dimension” of the daily work as a researcher
 - Design activities that open a dialogue about scientific misconducts and the reliability of scientific research
- **Implementation** of responsible science communication in secondary schools : educational challenges in Paris and region
 - be aware of territorial, social and economic inequities
 - investigate the issue of motivation for disadvantaged pupils
 - adapt your activities accordingly

Context

The need for responsible behaviours to be adopted by a larger share of the academic community has received growing concerns. The European Union uses the concept of « Responsible Research and Innovation » (RRI) for its funding schemes. It is meant to align research and innovation with societal needs and concerns.

All those aiming at a career in research shall be given the tools to enrich their academic scholarship with a responsible behaviour towards society. A socially responsible conduct of research, where we scientists are aware of the societal outreach of our work, is not intuitive. Such behaviour goes beyond sharing knowledge. Scientists also need to reflect upon and share with citizens the social dimension, the norms and values that govern the scientific community.

The training will have a special focus on sharing “the human dimension of research”. This refers to the possibility for scientists to share with citizens the practices and values that characterise scientific activity: collaborative work, creative and critical thinking, constructive dialogue, questioning of established theories. Sharing norms, values and social practices of science further allows to empower citizens, and thereby to have a significant local, social and economical impact.

Finally, training future scientists to social responsibility broadens their skills for working as researchers as well as working in knowledge based careers. Research institutions, industry and public administrations would benefit from recruiting people trained in science who are also able to nurture a dialogue about scientific innovation and new technologies, aware of their potential impact for society, and able to handle related responsibility issues.

Practical information

- **Important dates**
 - Deadline for registration: 30th of September 2017
 - 2 days workshop : 28 – 29 November 2017
 - Activities in the schools & mentoring sessions : January to April 2017, week days, 4 times
- **Language:** English (French if only French speaking apply)
- **Evaluation:** evaluation will be qualitative, with respect to the skills described above. Validation based on attendance, participation and evaluation will be decided by the graduate school directly.
- **Trainers:** Claire Ribault & Livio Riboli-Sasco, Atelier des Jours à Venir.

Registration

Please send an email to claire@joursavenir.org and livio@joursavenir.org stating : your lab, graduate school, university, your PhD topic and a few words about your motivation and commitment.