

## STRENGTHEN THE EDUCATIONAL OUTREACH OF YOUR ACADEMIC ACTIVITY: CONTRIBUTE TO THEATRICAL PERFORMANCES ABOUT SCIENTIFIC RESEARCH

*This training is offered within the EU program "Science With And For Society".*

Deadline for registration : 30th of September 2016

Number of participants : 8-12

### Course summary

This training consist in **3 days of interactive courses** and **3 days of activities in a secondary school**. In secondary schools, early career researchers (PhD students) will **interact with a group of students and an artist** who are conceiving together a **theatrical performance about science**.

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

### Sessions

- 3 day workshop : reflexivity for a responsible communication of science
- 2h session : meet the artists (meeting facilitated by the trainers)
- 5 x 0.5 day workshops in schools : meet with pupils and share your research experience, to contribute to developing theatrical performances about science
- 2 x 2h sessions of follow-up and mentoring

### Content & skills to be developed, based on case studies

- Reflection about the research practice, and responsible science communication
  - What is "responsible science communication"? What is "Responsible Research and Innovation" (RRI) ?
  - How is the current call for responsible science communication situated within the history of science communication, how has it evolved through time & political changes ?
  - How is scientific research embedded in social practices, norms and values ?
- Practice of responsible science communication:
  - How to make your PhD understandable for citizens and youth
  - How to plan, initiate and scale up activities that communicate in a responsible way about the human dimension of your scientific community
  - How to communicate the value of your involvement in such activities for your career
- Responsible science communication in secondary schools : educational challenges in Paris and region:
  - territorial, social and economic inequities
  - the question of motivation for disadvantaged pupils

## 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 scientists are aware of the societal outreach of their 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 are 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

- **Locations**
  - 3-day workshop : in Bidart (Basque coast, France) or Paris, to be confirmed.
  - meet the artists & 2 mentoring sessions : at Espace Pierre-Gilles De Gennes, Paris 75005 (evenings, 17h – 18h30 approx.)
  - 5 workshops in schools (5 half days) : schools located in île de France
- **Important dates**
  - Deadline for registration: 30th of September 2016
  - 3-day workshop : 21 – 23 November 2016 (to be confirmed)
  - Activities in the schools: first semester 2017
  - End of the training and validation: summer 2017
- **Language:** English, with French-speaking trainers to ensure good understanding, in particular for the mentoring sessions.
- **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@journsavenir.org](mailto:claire@journsavenir.org) and [livio@journsavenir.org](mailto:livio@journsavenir.org) stating : your lab, graduate school, university, your PhD topic and a few words about your motivation and commitment.

