

## ***Pilots Training Course for Museum Explainers, Educators and Young Scientists involved in outreach programmes***

12 – 16 September 2011 Trieste (Italy), Ljubljana (Slovenia)

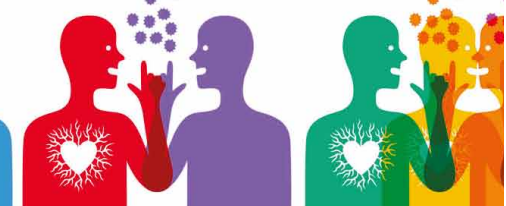
### **PROGRAMME**

#### ***The course***

The aim of the course is to refresh and foster explainers' skills and knowledge, with particular focus on adult visitors, by making use of the most up-to-date European literature and methodologies. Explainers will have the opportunity to meet colleagues from all over Europe and learn from international best practices.

The activities aim:

- to make participants reflect about their own profession, role, style and types of programmes
- to facilitate the exchange of experiences and knowledge among participants
- to enhance their awareness of the different methods (more than to offer rigid schemes)
- to suggest methodologies that can be used to train other explainers



## **Monday, 12 September**

### **DAY 1 - Self Portrait of the Explainers and their Institutions**

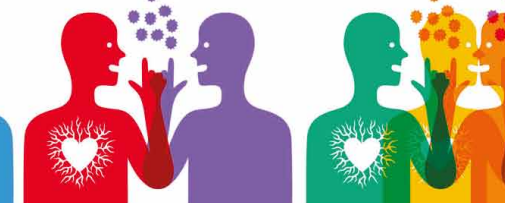
<i>Time</i>	<i>Session</i>	<i>Description</i>	<i>Tutors</i>
9-00 – 9.30	<b>Registration</b>		
9.30 – 9.50	<b>Presentation of the course</b>		Marzia Mazzonetto, Ecsite, Bruxelles
9.50 – 11.00	<b>Ice breaking</b>	Speed dating and reciprocal presentation of participants and tutors.	Paola Rodari, SISSA Medialab, Trieste
11.00 – 11.30	<b>Coffee break</b>		
11.30 – 13.00	<b>Explainers self portrait</b>	<b>Lecture and discussion.</b> Many names for the same profession? Collection of explainers' names and discussion of their meaning. Presentation of data from an international survey. Discussion game and drawing activity "What is a good explainer?"	Anne-Lise Mathieu, Universcience, Paris
13.00 – 14.00	<b>Lunch</b>		
14.00 – 15.15	<b>Why communicating science?</b>	<b>Workshop.</b> Discussion games help to exchange ideas about the missions of participants' institutions, their priorities, their publics and the relationship with other stakeholders.	Paola Rodari, SISSA Medialab, Trieste
15.15 – 16.00	<b>Science communication and social inclusion</b>	<b>Lecture and discussion.</b> A representative of the Education Opportunity Department of the University of Liverpool offers food for thought about barriers and bridges between young people, science and culture.	Peter Doyle, University of Liverpool
16.00 – 17.30	<b>Posters' aperitif</b>	Participants are invited to bring materials from their institutions and prepare a poster with essential information. They are also invited to bring and share food and drink from their own country or region.	



## **Tuesday, 13 September**

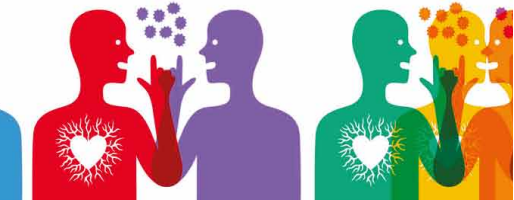
### **DAY 2 – Learning in an Informal Context**

<i>Time</i>	<i>Session</i>	<i>Description</i>	<i>Tutors</i>
9-00 – 10.30	<b>Learning in an informal context: theories and practices</b>	<b>Lecture and discussion.</b> The “state-of-the-art” of the field.	Maria Xanthoudaki, MNST, Milano
10.30 – 11.00	<b>Coffee break</b>		
11.00 – 13.00	<b>Inquiry- based learning 1.</b>	<b>Workshop.</b> Try out a special activity from the Pavilion of Knowledge – Ciência Viva in Lisbon which makes use of the principles of inquiry-based learning.	Sofia Lucas, Pavilion of Knowledge, Lisbon
13.00 – 14.00	<b>Lunch</b>		
14.00 – 15.00	<b>Inquiry- based learning 2.</b>	<b>Workshop.</b> Try out a special activity from the Pavilion of Knowledge – Ciência Viva in Lisbon which makes use of the principles of inquiry-based learning.	Sofia Lucas, Pavilion of Knowledge, Lisbon,
15.00 – 16.00	<b>Visit to the Immaginario Scientifico Science Centre</b>	<b>Guided tour to the Trieste’s science centre.</b> This and the following sessions will take place at the science centre, with the participation of its staff.	Immaginario Scientifico Science Centre, Trieste
16.00 – 18.00	<b>Pilots piloting</b>	<b>Demo session - Part 1.</b> Participants present segments of their activities.	Luka Vidic, Hiša eksperimentov, Ljubljana



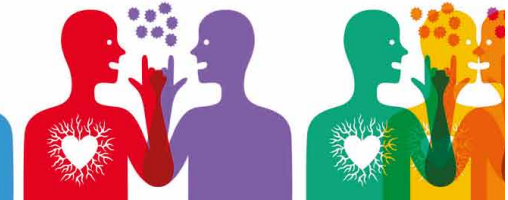
## **Wednesday, 14 September** **DAY 3 – Adventures in Science**

<i>Time</i>	<i>Session</i>	<i>Description</i>	<i>Tutors</i>
8.45 – 10.00	<b>Travel to Ljubljana</b>	Meeting in Piazza Oberdan, Trieste, then transport with bus to Ljubljana (50' approximately).	
10.00 – 12.30	<b>Visit to the science centre and science adventure</b>	Visit to the science centre and presentations from the Hiša's explainers.	Luka Vidic, Hiša eksperimentov, Ljubljana
12.30 – 13.30	<b>Lunch</b>		
13.30 – 15.30	<b>Science shows – “Don't push that button!”</b>	<b>Workshop.</b> Dos and don't's for delivering good science shows.	Luka Vidic, Hiša eksperimentov, Ljubljana
15.30 – 18.00	<b>Pilots after the mission</b>	Free interaction and networking during the city visit.	
18.30 - 20.00	<b>Dinner</b>		
20.30	<b>Return to Trieste</b>		



## **Thursday, 15 September** **DAY 4 – Dialogue with the Visitors, Dialogues about Science**

<i>Time</i>	<i>Session</i>	<i>Description</i>	<i>Tutors</i>
9.00 – 9.30	<b>Museums, science centres, research institutions, participation and democracy</b>	<b>Lecture and discussion.</b> European networks, projects and other activities for fostering democracy and dialogue between science and society. A case study: the OpenScienceResources project.	Marzia Mazzonetto, Ecsite, Bruxelles
9.00 – 11.00	<b>Dialogue activities - 1</b>	<b>Workshop.</b> Museo della Tecnologia e della Scienza Leonardo da Vinci (Milano) presents a range of discussion games used in their science centre.	Sara Calcagnini, MNST, Milano
11.00 – 11.30	<b>Coffee break</b>		
11.30 – 13.00	<b>Dialogue activities - 2</b>	<b>Workshop.</b> Try out La Cité's activity on how to engage adults in discussion about a science and society topic, using everyday life as a starting point.	Anne-Lise Mathieu, Universcience, Paris
13.00 – 14.00	<b>Lunch</b>		
14.30 – 16.00	<b>Dialogue activities - 3</b>	<b>Workshop.</b> The Paris-based association Traces presents a range of discussion activities they have used.	Matteo Merzagora, Traces, Paris
16.00 – 17.00	<b>Dialogue activities - 4</b>	Wrap up of the day.	Anne-Lise Mathieu, Universcience, Paris



## **Friday, 16 September** **DAY 5 – Back to Our Institutions**

<i>Time</i>	<i>Session</i>	<i>Description</i>	<i>Tutors</i>
9.00 – 10.30	<b>Evaluation and self-evaluation</b>	<b>Lecture and peer-to-peer learning.</b> After a presentation on main methods and findings in evaluation and visitor studies, participants are invited to present their own methods of self-evaluation (the session is prepared in advance with volunteers).	Paola Rodari, SISSA Medialab, Trieste
10.30 – 11.00	<b>Coffee break</b>		
11.00 – 13.00	<b>Answers to my boss</b>	<b>Workshop.</b> Explainers trade places with CEOs in this activity, inviting reflection on the role of the explainer within the institution.	Miha Kos, Hiša eksperimentov, Ljubljana
13.00 – 14.00	<b>Lunch</b>		
14.00 – 15.00	<b>Projects for the future</b>	Presentation of the activities of Ecsite's THE group and discussion about possible collective and individual future activities.	Maria Xanthoudaki MNST and THE group
15.00 – 16.30	<b>Pilots piloting</b>	<b>Demo session - part 2.</b> Participants present segments of their activities.	Luka Vidic, Hiša eksperimentov, Ljubljana
16.30 – 17.00	<b>Course evaluation and greetings</b>		Paola Rodari, SISSA Medialab, Trieste