



THE ART OF TINKERING

CREATING THE INNOVATORS OF TOMORROW

14-16 JUNE 2016

MUSEO NAZIONALE DELLA SCIENZA E DELLA TECNOLOGIA LEONARDO DA VINCI - MILANO - ITALY



EVER MORE WE NEED CITIZENS ABLE TO BE CREATORS, INVESTIGATORS, ACTORS, IMPROVISERS, MAKERS, SCIENCE-ORIENTED THINKERS.

'Tinkering' is an innovative pedagogy supporting a learners' lifelong engagement with science and the development of the 21st century skills, necessary to respond to the challenges of today's world.

Join educational leaders from the Exploratorium of San Francisco and the National Museum of Science and Technology Leonardo da Vinci of Milan for a hands-on workshop about how Tinkering and making experiences support fundamental STEM thinking and learning, creativity and innovation.

The workshop will explore tinkering and making activities to create new standards for blending science and art explorations, exemplify best practices for critical thinking and incorporate creative ways of becoming active participants in the process of learning.



STRUCTURE

The workshop includes:

- participating as a learner in core tinkering and making activities
- debriefing and deconstructing each activity as an educator
- becoming part of a network of innovative educators integrating tinkering into their practice
- a planning session about how to transfer knowledge and practice where you work.

FEE

The participation fee is €1000 and covers:

- all supplies, tools, consumable materials used during the workshop
- workshop activity guides and bibliography in digital form
- coffee breaks and lunch each day of the workshop

TRAINERS INCLUDE

Mike Petrich & Karen Wilkinson

Directors, The Tinkering Studio, The Exploratorium

Luigi Anzivino

The Tinkering Studio, The Exploratorium

Maria Xanthoudaki

Museo Nazionale Scienza e Tecnologia

Stefano Buratti

Tinkering Zone, Museo Nazionale Scienza e Tecnologia

APPLICATION GUIDELINES

- send an email of interest to Maria Xanthoudaki, xanthoudaki@museoscienza.it
- click [here](#) to fill the form

Upon registration you will receive an email of confirmation with all participation details.