

**What can art teach us about mathematics?**

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**Abstract**

This workshop will build on the plenary lecture that the author will present on *The art and architecture of mathematics education – a study in metaphors*. The workshop will offer opportunities for participants to trace the images of and about mathematics and mathematicians, and play with metaphors related to the aims and the nature of the discipline, from different periods and geographical areas. The participants will be encouraged to work on creating an ideal 'exhibit' to represent one such collection of images or objects, as if it were to be displayed in an environment such as a museum dedicated to mathematics, be it a real building or a virtual one. The purpose of such work would be to analyse, discuss, and decide which precise aspect of mathematics the group or individual participants find most fascinating, and how that could be communicated to an imagined audience.

The workshop would aim to further inspire participants to take active part in constructing images and narratives of and about mathematics, to illustrate in different ways what mathematicians have done or do. The resulting images or ideas of the work from the workshop will be shared with all the participants after the workshop.

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