



## **TSG 62**

# **POPULARIZATION OF MATHEMATICS**

### The Organizing Team

Chair: Christian Mercat, Université Lyon 1, France

Cochair: Clara Grima, Universidad de Sevilla, Spain

Members:

Abolfazl Rafiepour, Shahid Bahonar University of Kerman, Iran

Patrick Vennebush, University of Maryland, College Park, USA

Pan Liu, East China Normal University, China

The Popularization of Mathematics Study Group (TSG 62) is about using interesting and inspiring mathematics to motivate both young people and the general public, through an alternance of theoretical works and live performances. The group will bring together those who popularize mathematics through exhibits, outreach programs and the media. The group will include posters and demonstrations. Sessions will include topics such as:

- Recreational mathematics, including games, puzzles and magic tricks;
- Interdisciplinary mathematics, including mathematics in science, art, music and literature;
- Mathematics from other times and other cultures, ethno-mathematics in handicraft;
- Public resources, such as museums, outreach programs, blogs, podcasts and other cyber resources.

We will explore the connections between popularization and informal learning; what makes a great public experience and a successful math popularization program; and how math popularization can improve the public awareness, long term dedication, and understanding of mathematics. Proposals developing critical insights and innovative practices on these topics are invited for poster sessions and informal conference times. We especially invite ideas that include performances, interactive devices and objects used to popularize mathematics.