

Call for Papers

International Symposium on 3D Printing in Mathematics Education

September 16-17, 2021, Online

The use of 3D printing technology to support the learning of mathematics has been of increasing interest among teachers and in the research community in the last few years. Many fascinating ideas have been developed and important scientific findings have been made. However, there is still a great need for concrete ideas and further scientific research. To fill this desideratum, the collaboration of practice and research is essential. With this international symposium we want to contribute by presenting existing insights and networking involved parties from research and practice.

We invite you to participate with a **presentation (25 minutes presentation + 20 minutes discussion)** on one of the following topics. Contributions from research (empirically or theoretically based) and/or practice are welcome:

- Creative ideas for visualizing mathematics with 3D printing
- Use of 3D printing technology in schools and universities for learning mathematics
- Connecting 3D printing and other digital technologies for learning mathematics
- 3D printing and STEM education with a focus on mathematics
- 3D printing technology from a mathematical perspective

Interested people can apply with a **presentation in English language until June 15, 2021**. The title of the presentation and a short abstract should be submitted. **Registration** for the conference without a presentation is possible **until August 15, 2021**. Both options for participation are **free of charge**. The registration occurs via the conference website:

<https://www.uni-siegen.de/fb6/didaktik/veranstaltungen/symposium3dprinting.html>

After the symposium, a **book of the contributions** of the symposium will be published with Springer Publishing. All speakers are warmly welcome to contribute with a paper. A timeline can be seen below. More detailed information on this will follow.

Please send questions and comments to the following email address: dilling@mathematik.uni-siegen.de

Best regards from the organizing committee of the University of Siegen,

Frederik Dilling

Dr. Felicitas Pielsticker

Prof. Dr. Ingo Witzke

Timeline:

Signing up for a presentation	June 15, 2021
Registration for the conference	August 15, 2021
Conference	September 16-17, 2021
Submission of a paper	November 15, 2021
Submission of Reviews	December 15, 2021
Submission of revised papers	January 15, 2022
Publication of the book	Approx. Mai 2022