

Call for Contributions

Maker Education in Teacher Education. Concept - Use - Transfer **Professional School of Education Stuttgart-Ludwigsburg** **9 & 10 March 2023**

The Professional School of Education Stuttgart-Ludwigsburg cordially invites you to participate and contribute to the conference "**Maker-Education in der Lehrer:innenbildung. Konzept - Einsatz - Transfer**". The conference will be held on **9 and 10 March 2023** at the University of Education Ludwigsburg.

Makerspaces and pedagogical-didactic making (maker education) approaches appear often in the current discourse on pre-service teacher training when it comes to promoting digitalisation-related competences¹ and **21st-Century Skills** such as creativity, collaboration and problem solving. Making enables future teachers to develop, test and reflect on digitally supported teaching and learning scenarios. Therefore, pedagogical-didactic Makerspaces function as dynamic and important experiential spaces in which prospective future teachers actively experience digital transformations.

While the potentials of maker education for teacher training seem great and diverse, the concept also raises considerable questions:

- Which application scenarios and mechanisms of action for maker education in teacher education can currently be regarded as certain?²
- How can student teachers, whose experience with digital media from their own school time and studies are rather low, become competent with Makerspace lessons and best practices?³
- How can a robust connection to study and examination policies and regulations, i.e., the integration of the paradigm into everyday university life, be achieved?

This obvious area of tension between the opportunities of pedagogical-didactic making and the challenges associated with it frames our conference "Maker-Education in der Lehrer:innenbildung. Concept - Use - Transfer".

¹ [vgl. Redecker/Punie 2017](#)

² [vgl. u.a. Ingold/Maurer 2021](#)

³ [Caparozza & Irle 2020, Waffner 2020](#)

The following three questions structure the field:

I. Digital and social change

Pedagogical-didactic making and education against the background of digital and social change: What concepts and operationalisations are already available for teacher education and what challenges need to be overcome?

II. Effectiveness

Pedagogical-didactic making and effectiveness: What empirical evidence is available on the extent to which future teachers are enabled and motivated by maker education to view teaching and learning from the perspective of digital-societal change and the associated reflexive examination of existing subject/learning cultures?

III. Practice

Pedagogical-didactic making and examples of successful practice: How can existing examples of practice be used to successfully and sustainably implement effective pedagogical-didactic making in teacher education?

The conference will bring together researchers, makers, teachers, students and practitioners to discuss this exciting field and its questions-- above all, to network. The joint discourse should empower of future teachers, so they can meet the challenges of the 21st century conceptually and competently head on.

Important key data on the call: deadline December 4th 2022

We invite you to submit papers on the above three questions in the following formats:

- individual scientific presentations on already completed research with a duration of 20 minutes plus discussion
- Scientific posters on current research projects and work-in-progress examples from the field of Educational Making
- Workshops with a focus on joint educational making or the joint development of concepts and ideas in this field, lasting 60 minutes (two sessions)

Draft contributions should contain **2000 to max. 3000** characters plus references.

Important when submitting workshop proposals: Please state the maximum number of participants for your session, as well as material and technical requirements.

Please prepare your contribution with the template available on www.maked-digital.de/dokumente/EnglishFormular_Contributions_TagungMakEd_digital.pdf and submit it via www.conftool.net/maked-digital-2023/

If you would like to be kept up-to-date on news about the conference (e.g., the start of submissions), please send a short e-mail with the subject "News" to konferenz2023@maked-digital.de. More information on registration and submission will be available on our [conference website](#) soon.

Schedule

04 December 2022	deadline for abstract submissions
Early Januar 2023	feedback on paper acceptance
Mid Januar 2023	Announcement of the conference programme
09 & 10 March 2023	Maker-Education Conference

The organising team as well as the participants of the project "MakEd_digital - A pedagogical-didactical Makerspace for the promotion of digitalisation-related competences" are looking forward to your participation and contribution!

This project is part of the "Qualitätsoffensive Lehrerbildung", a joint initiative of the Federal Government and the Länder which aims to improve the quality of teacher training. The programme is funded by the Federal Ministry of Education and Research.

For further questions please contact konferenz2023@maked-digital.de

Contact:

Professional School of Education Stuttgart-Ludwigsburg
Projekt MakEd_digital

Office University of Stuttgart
Herdweg 51
70174 Stuttgart
Germany

Office University of Education Ludwigsburg
Reuteallee 46
71634 Ludwigsburg
Germany

Konferenz2023@maked-digital.de