

# Oliver Stickel

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## Experience

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### Self-employed

*Writer, researcher, consultant, educator*

**Siegen, Bochum, national**

*2015–today*

Consultation work for organizations interested in Fab Labs, Makerspaces and Community Innovation Spaces. Public and private grant proposals. Teaching. Book project "Handbuch Fab Labs". Meta-Lab Rhein-Ruhr (in formation).

### Ruhr-University Bochum (RUB-)Makerspace

**Bochum**

*Deputy overall/general manager + lab leader for the Digital Lab and Plastics Lab*

*March 2021–Dec. 2023*

I was involved in the initial setup and development of the space as a central service infrastructure at RUB. RUB-Makerspace is a 2000sqm space with a team of 16 people and multiple (sub-)labs, craft workshops, co-working and event spaces.

### University of Siegen, research group for CSCW and Social Media

**Siegen, regional, national**

*Researcher, lecturer and research/project manager*

*Jan. 2015–Sept. 2019*

Grant proposals, teaching, mentoring students, general chair and academic work, research and management. Notable funded projects: SmaP (EU/state, on Additive Manufacturing), FAB101 (federal, on Fab Labs in education), ZEIT.RAUM Siegen (local exhibition/heritage project), YALLAH (DAAD student exchange between Makers in Palestine and Germany) and CUBES (federal, on Usability and Agile Methods for SMEs).

### Birzeit University, German Univ. of Technology Oman, Goethe Institute and others

**Palestine**

*Guest researcher, Consultant*

*2014–2019*

Field research as well as consultations and joint proposals on Makerspaces, education and cultural projects.

### Fab Lab Siegen (University of Siegen)

**Siegen, regional, global**

*Founder and Manager*

*2013– Sept. 2019*

Founding, funding, management and operation of Fab Lab Siegen, starting as a student initiative with "an old 3d printer and a corner in a storeroom" up to an (ongoing), open and community-oriented space with a funded team, operating hours, a big space in the city center and a substantial amount of machines and infrastructure.

### Student researcher / TA / assistant in HCI, prototyping, IT support, maintenance

**Duisburg, Siegen**

*Uni Siegen and Uni Duisburg-Essen*

*2009–2015*

## Education

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### University of Siegen and self-employed

**Siegen, national**

*Dissertation work*

*2015–today*

About Fab Labs and Makerspaces as (public) infrastructures.

### University of Siegen

**Siegen**

*M.Sc., (grade 1.2, with honors)*

*2012–2015*

Human Computer Interaction: (Socio-Technical) systems design with an emphasis on qualitative methods.

### University of Duisburg-Essen

**Duisburg**

*B.Sc., (grade 1.9)*

*2009–2012*

Applied Cognitive and Media Sciences: A combination of the traditional curricula of Computer Sciences and Psychology (without the advanced engineering and the clinical aspects, respectively). Emphasis on quantitative methods.

## Skills

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**Fab Labs & Makerspaces:** Development of (public) laboratories and their team, operations, finances and *safety*. Rapid Prototyping, CAD/CAM, basic coding, 3D printing, CNC, IoT, Integrated Electronics.

**Projects & People:** Project development, social innovation, funding acquisition, agility, Skunkworks, community development, team and research management, operations, procurement & administration in public service.

**(Human Centered) Design:** UX, HCI, usability, Design Thinking, convergence of agile and user centered methods.

**Methods:** user-centered teaching and learning, Constructionism, mixed methods, action and field research, participatory methods, (Maker-)Spaces as a method.

**Languages:** German, English, French (rudimentary).