

Oliver Stickel

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Experience

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

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

Fab Labs & Makerspaces: Development of (public) laboratories and their team, operations, finances and *safety*.
Projects & People: Project development, social innovation, funding acquisition, agility, Skunkworks, community Rapid Prototyping, CAD/CAM, basic coding, 3D printing, development, team and research management, operations, CNC, IoT, Integrated Electronics. 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).