



Fredrik Skåtar (1978), Architect SAR/MSA

WORK EXPERIENCE

2010—today: Founder

[Skåtar Architecture & Design](#), Berlin, Germany

2018—today: Tutor, parametric design

[Anhalt University \(Bauhaus\)](#), Dessau, Germany

2012—2017: PhD researcher

[LTH School of Architecture](#), Lund, Sweden

Research area: Architecture and computation

2007—2010: Architect, Project manager, Lead designer and Graphic designer

[Studio Olafur Eliasson GmbH](#), Berlin, Germany

2005—2006: Architect

[Tema Architects](#), Uppsala, Sweden

EDUCATION

1999—2005: Architecture, [Royal Institute of Technology](#), Stockholm, Sweden

2004: Architecture, [Universität der Künste](#), Berlin

2002: Architecture, [ENSAPLV](#), Ecole Nationale Supérieure d'Architecture de Paris La Villette, France

1997—1998: Fine arts, [Wiks Folkhögskola](#), Wik, Sweden

GRANTS / SCHOLARSHIPS

2009, 2010 and 2012: [The Swedish Arts Grants Committee](#), funding of art and architectural projects

2009 and 2012: [The Royal Swedish Academy of Fine Arts](#), [Tengbom Foundation](#) and [Mortner Foundation](#), funding of architectural projects

2012: [Helge Ax:son Johnson Foundation](#), funding for academic research

SKILLS

Software (expert level and foremost used)

[Rhinoceros](#) (CAD), [Grasshopper](#), [3d Studio Max](#) + [VRay](#), [Adobe CS / CC](#) (all range) + very good command of comparable software

Knowledge in production / prototyping

Additive fabrication (e.g. [3d-printing](#)).
Subtractive fabrication (e.g. [3d CNC-milling](#)).
[Laser](#) + [water jet cutting](#) (from plastics to metal).
Neutral fabrication ([CNC-bending](#)).
Surface treatment, vast material knowledge

ACADEMIC

2012—2018: Lectures

- "Upgraded tools—ideas and skills rather than digital design". At [TU-Berlin](#), organized by [Netzwerk Architekturwissenschaft](#)
- "Parametrically generated patterns", Seminar, Faculty of Engineering, [Lund University](#), Lund, Sweden
- The projects of Fredrik Skåtar. Lecture. [Lund University](#), Lund, Sweden
- "Nature and design". Lecture. [Olympus Photography Playground](#), [Opernwerkstätten](#), Berlin, Germany
- [ResArc](#) research platform. A series of courses, symposiums and conferences. Held at [Lund University](#), Lund, and [Chalmers University of Technology](#), Gothenburg, Sweden

2012—today: Workshops

- Form workshop, master level, [Grasshopper 3d modelling](#). Held at regularly at [Anhalt University \(Bauhaus\)](#), Dessau, Germany
- [Grasshopper 3d modelling](#) for the automotive industry, commissioned by [Technicon](#)
- [Grasshopper 3d modelling](#). Workshop for master level architecture students. Held at 6 separate occasions at [Lund University](#), Lund. Approx. 30 participants.
- [Rhinoceros3d](#) and prototyping workshop. Held at 5 separate occasions at [Lund University](#), Lund. Approx. 80 participants.
- [Adobe CS/CC](#) and graphic design workshop. Held at 3 separate occasions at [Lund University](#), Lund. Approx. 80 participants.

EXHIBITIONS

- 2014: [Berlin Design Night](#). Exhibition in the studio, part of event organized by the design network [Create Berlin](#)
- 2013: [We create Berlin](#). Exhibition at [Volkswagen Automobilforum](#), [Unter den Linden](#), Berlin, Germany.
- 2013: [Bloom Art Fair](#). Exhibition. Cologne, Germany.
- 2012: Composition of triangles - exhibition at [Berliner Verlag](#), Berlin
- 2012: Verschachtelt. Exhibition at [Modtar Projects](#), Copenhagen
- Interviews in a series of online magazines such as [Vocero](#), [DesignBoom](#), [Filter för Fotografi](#), [Archidesign Club](#), [Things worth describing](#), [Furniture Served](#), [We the urban](#) and [Shejipi](#) amongst others.

LANGUAGES

Swedish - native speaker
English - fluent
German - fluent
Norwegian - professional communication skills
Danish - professional communication skills
Italian - good communication skills
French - basic communication skills

SELECTED PROJECTS

Replanning / renovation, 2014—2017

- Complete renovation of apartment (Cultural heritage 1925), Berlin-Steglitz
- Re-planning of Townhouse (remise from 1905), Berlin-Mitte
- Re-planning of apartment (1953), Berlin-Mitte
- Re-planning of apartment (1902), Berlin-Mitte
- Proposal for new roof space, apartment (1898), Berlin-Mitte

Exhibition design, 2012—2016

- [Stage shapes / light objects](#) for [Leibniz Gemeinschaft](#) - Corporate identity as three-dimensional objects, in collaboration with [Novamondo](#)
- [Humboldt Forum](#), Berlin, Germany. Consulting for [Ralph Appelbaum Associates](#): Exhibition design, digital models and illustrations
- [Schloss Gottorf](#), Schleswig, Germany. Consulting for [Ralph Appelbaum Associates](#): Exhibition design, digital models and illustrations
- [Haus der Geschichte](#), Stuttgart, Germany. Consulting for [Phocus Brand Contact](#): Exhibition design and visualizations
- [Staatenhaus](#), Köln, Germany, Event design for [Corporate Candy](#)
- [Schützenmuseum, Duderstadt](#), Germany. Consulting for [Art+Com AG](#). Exhibition design, digital models and illustrations

Architectural proposals. 2010—2014

- [Mobile pavilions](#), Stockholm, Sweden. Public architectural competition
- [Jøssingfjord Visitor Centre](#), Sokndal, Norway. Architecture competition
- [Serlachius Art Museum](#), Mänttä, Finland. Architecture competition, museum extension
- [Bionic Museum](#), Nürnberg, Germany. Consulting for [Martin Förster Architekten](#). Co-lead designer.
- [Culture island](#), Baakenhafen, Hamburg, Germany. Consulting for [Martin Förster Architekten](#). Co-lead designer.
- [Figment Project](#), New York, USA. Pavilion proposal

Art projects / installations, 2010—2015

- [Vertical wave](#) - proposal: permanent art piece in passenger ship
- [Anti gravity](#), Public art competition, Örebro, Sweden
- [Matter of sound](#) - visualizing sound waves
- [Maihaugen Memorial](#), Lillehammer, Norway. Public art competition
- [Automata](#) — exploring the relation between man and machine in Japan, film and photography project.
- [Room for Running Ghosts](#), Hotel Lone, Rovinj, Croatia. Public art - Tensegrity sculpture, - for artist [Ivana Franke](#)
- [Light Art, Das Stue Hotel Berlin](#), Germany. Consulting work for [Lichtbau](#): Algorithmic 3d-models, illustrations and construction drawings

Product design / art objects, 2010—

- [Wave table](#) - sculpture of water topography
- [Vibration mirror](#) - sculpture of water topography
- [Astrohedra lamp](#) - stackable light sculpture
- [Pentakis](#) dodecahedron light
- [Weltraum](#) - proposal for art installation
- [Rhombhedra structure](#) - 3d fivefold symmetry experiment
- [Icosahedron light](#) - geometric chandelier
- [Triacontahedron light](#) - geometric chandelier

Selected projects at Studio Olafur Eliasson 2007-2010:

Art installations—art in architecture

- Art installation in villa, Naoshima, Japan
- [Odsherred landscape design](#), Odsherred, Denmark
- [Your natural yellow daylight](#), K20, Düsseldorf, Germany
- [Wirbelwerk](#), Vortex sculpture, Lenbachhaus, München, Germany
- [Your large compass](#) - Sculpture for private client
- [Your mercury ocean](#) - Skateboard for Mekanism, Paris, France
- [Underwater Staircase](#), light and sculptural installation at [Amalienborg Castle](#), Copenhagen, Denmark.
- [Waterfall machine](#), - rotating moiré sculpture, Lead designer
- [The New York Waterfalls](#), NY, USA

Architectural

- [Cirkelbroen](#), Copenhagen, Denmark
- [Winery](#), private client, Bordeaux, France. New large-scale building and pavillion

Exhibition design

- [Innen Stadt Außen](#), exhibition design, [Martin-Gropius-Bau](#), Berlin, Germany.
- [Take Your Time](#), exhibition design at [MoMA](#), New York, USA
- [Take Your Time](#), exhibition design at [PS1](#), New York, USA.
- [The nature of things](#), exhibition design at [Fundación Joan Miró](#), Barcelona, Spain. Exhibition design, visualizations, construction drawings.

Graphic design

- [Harpa Reykjavik Concert Hall and Conference Centre](#), Reykjavik, Iceland. 3d-models and Graphic designer of postage stamp
- [Studio Olafur Eliasson. An Encyclopedia](#), Art Edition. Lead designer. Digital design and production of front cover
- [TYT1-Take Your Time](#), magazine about the studio, co-lead graphic designer
- +Various project presentation booklets