



## CURRICULUM VITAE

Jonas Runberger, born 1969  
Architect M.Arch. SAR/MSA Lic.Eng.

- *PhD Candidate KTH ABE / Project Communication*
- *Director of Parametric Development White Architects*
- *Guest Lecturer KTH School of Architecture*

m: +46 766394749  
e: jonas(at)runberger.net  
w: www.runberger.net

### RESEARCH & DEVELOPMENT (SEE ALSO LECTURES AND PUBLICATIONS)

2010

Moderator and advisor on symposium *Contemporary Practice, Beyond the Crisis*, KTH School of Architecture

Review board member at **Innovativ Kultur**

2009

Facilitator of seminar on digital design tools in practice with guest Hanif Kara, **Adams Kara Taylor Engineers**

Facilitator of seminar on digital design tools in practice with guest Lars Hesselgren, Research Director at **KPF Associates**

2008

Facilitator of seminar on digital design tools in practice with guest Dr Robert Aish, director of development at **Autodesk**

Research exchange with **AA School of Architecture**, *Diploma Unit 16*, London

Awarded *Licentiate of Engineering* in Architecture at **KTH School of Architecture**

PhD candidate at *Project Communication*, **KTH ITM**

In panel of *Prototypical Shelter*, event part of the *space & design strategies research* at the **Art University of Linz**

Final seminar licentiate thesis, external reviewer  
Michael Speaks, Dean **Kentucky University**

Advanced seminar licentiate thesis, external reviewer  
Fredrik Nilsson, director of development **White Architects**

2007

External reviewer for **Arkus** research project for practitioners

2 month research trip to Los Angeles, affiliations with **UCLA**, **SCI-Arc** and **GL Form**

Participant in the *SmartGeometry2007* workshop and conference at **Cooper Union** and the *Creative within Constrains* seminar at **Columbia University**, New York City

2006

Member of the *Online Group* of the *Space of Communication* project at the **Städelschule**, Frankfurt

External examiner for *MA Architecture & Digital Design Systems* at **London Metropolitan University** (2006-2008)

Advisor in development project on Industrial Office Building production for **SKANSKA Teknik** (with **SSARK**)

External advisor for validation of new MA programs on digital design and manufacture at **London Metropolitan University**

2005 – 2008

PhD candidate at the **KTH School of Architecture**  
Research project *Prototype Development within Architecture*

2005 – 2006

*Bostäder byggda med volymelement i Sverige*,  
Report on volumetric housing, **Boverket** (at **SSARK**)

2003 – 2010

Partner of **KRETS**, design based research group

- *SplineGraft*, design project (2006)
- *PARCEL*, design project (2004-2005)
- *Prototypes for Performative Design*, public seminar (2003)
- *Info\_liations / Ex\_foliations*, visiting fellow at **SIAL/RMIT** (Melbourne), workshop leader, with Servo (2003)
- *Urbantoy's v.2*, Krets for Servo (2003)

2002

Annual conference, **Nordic Journal of Architectural Research**, *Islands for Architectural Research*, invited workshop leader of *Progressive Practice* workshop

### TEACHING (SEE ALSO LECTURES AND PUBLICATIONS)

2010

*Architectures of Interdisciplinarity*, 4+5th year design studio, **KTH School of Architecture**, lecturer and co-coordinator

*Parametric Patterns*, workshop, **VCU Qatar**, Doha

External jury member for Diploma reviews, **KTH School of Architecture**

2008 – 2009

**Architectural Association (AA)**, tutor *Diploma Unit 16*

2009

**KTH ITM**, *IT-management*, course coordinator

Facilitator *GenerativeComponents* workshop, **KTH ITM/SmartGeometry Group/Bentley Systems**

2008

**London Metropolitan University**, *MA Architecture & Digital Design Systems*, invited critic

**School of Architecture at Lunds Tekniska Högskola**,  
Invited diploma thesis critic and supervisor

2007

**Tema Architects**, Stockholm, commissioned educator in parametric design application *GenerativeComponents*

**London Metropolitan University**, *MA Architecture & Digital Design Systems*, invited critic

**SCI-Arc**, Los Angeles, *zGBX*, invited critic

**Woodbury University**, Los Angeles, invited critic

2006

**The Architectural Association** and **London Metropolitan University**, workshops in association with *Architecture Information* and *Informed Modularity* **KTH-A** design studios

2005

**The Architectural Association**, *Diploma Unit 16*, invited critic

2004

**Columbia University**, *Adv. Architecture Studio 6*, invited critic

2003

*Info\_liations / Ex\_foliations*, visiting fellow at **SIAL (RMIT)**, Melbourne, Australia.

2000 – 2002

*Communicative Spaces*, 2<sup>nd</sup>, 3 separate courses,  
tutor and coordinator, **KTH Media technology**, Stockholm

2001

*Machinic Processes in Architectural Design*,  
the **School of Architecture at ETHZ**, Zurich, Switzerland.  
assistant for Prof. Greg Lynn

2000 – 2010

**KTH School of Architecture (KTH-A)**, Stockholm

- Lecturer + co-coordinator diploma design studio (2010 –)
- Visiting critic in 1<sup>st</sup> and 4<sup>th</sup> year (2009 – 2010)
- Diploma thesis supervisor (2006-2009)
- *Architecture InFormation* 4th year design studio (2006-2008)
- *Informed Modularity* 4th year design studio (2005-2006)
- *STHLM randzon*, 3rd year, Urban planning/design (2003-2004)
- 1st year crash course (2003)
- 1st year, semester (2003)
- *Project or Proposal*, all years (2002)
- *Urban Curating*, 4th year, *Hyperstructures* workshop (2001-2002)
- *Navigation Organisation Narrative (NON)*, 4th year (2001)
- *Hypersketch 1+2* (2000)

## SELECTED LECTURES AND PUBLICATIONS

2010

*The Future Agency of Digital Design in Architecture*, article,  
**Conditions # 4: THE PRODUCTION OF ADDED VALUE**

*Digitala och fysiska prototyper*, lecture, **ÅWL Arkitekter**

*Digital and Physical Prototyping*, lecture, **VCU Qatar**, Doha

2009

*Adaptive Ecologies*, lecture, **Bioinspired Forum**, Stockholm

*Technology as Driver for Innovation*, lecture, **KTH-A**

*Adaptive Ecologies*, lecture, **Bioinspired Forum**, Simrishamn

*Future Exhibitions*, interview, **Swedish Traveling Exhibitions**

*Performative Design Environments*, presentation at the  
Architectural Machines symposium, **AA School of Architecture**

*Digital Fabrication*, seminar in the Forum for Industrial  
Building, **KTH ITM**

2008

*Architectural Prototypes*, lecture at the Artistic Research  
workshop, **Bauhaus-Universität Weimar**

*Parametric Design for Innovation*, lecture at  
**White Architects**, Stockholm

*Realtime Editing*, column in journal **RUM** 10/2008

*Prototypes and Parametric Devices*, lecture, **KTH-A**

*Visualisering, simulering, prototyper och byggnadsinformatik  
inom arkitektur*, lecture, **University of Trollhättan**

2007

*SplineGraft*, feature article in **Pasajes Construcción**, Spain

*Operativ Representation och Digitala Tekniker*, lecture, **KTH-A**

*Architecture and Technology: Drivers for Innovation*, lecture at  
the **University of Jönköping**

*Design based research and the production of effect*, lecture at  
**Metropolis Lab**, Copenhagen

*Lagens Estetik*, article in journal **RUM** 6/2007

*Prototypes in Architectural Design*, lecture at **Mejan Labs**

*Architecture InFormation*, presentation at *the Creative within  
Constraints* seminar at **Columbia University**, New York City

2006

*Establishing Spaces of Communication*, lecture at the  
**Städelschule Online Group**, Frankfurt

*Volymelement i bostadsarkitekturen*, publication by **Arkus  
Material Remediations: SplineGraft, lecture at **Architectural  
Association**, London**

*Medverkande Design*, contribution in **Skapande Människa** 10-  
year anniversary publication.

*Architecture and Technology: Contemporary Phenomena*,  
lecture at the **University of Jönköping**

*Arkitektens roll i industriellt byggande*, lecture for  
**Swedish Association of Architects**

*SplineGraft* featured in Swedish **Arkitekten**, German **Form  
journal**, Korean **Space journal**, **Open House Exhibition  
Catalogue** and **Entry Paradise: New Worlds of Design**

*Fabriksbyggt*, interview in journal **RUM**

*Representation as Design Instrument*, lecture at  
**Visual Forum 2006**, Gothenburg

*Mjukvaran leder till framtiden*, article in **Arkitekten**

*Material Remediations*, lecture at **Architectural Association**,  
London, with Pablo Miranda

*Bostäder byggda med volymelement*, report for  
**Boverket**, with SSARK

2005

*Fabrication as Design Strategy and Operation*, lecture  
*Design Amok* course, **Konstfack**, Stockholm

*Design-driven Research and Research-driven Design*, lecture  
4<sup>th</sup> year, **Konstfack**, Stockholm

*Krets and PARCEL*, 01.AKAD, section edited

*Remediation as operation and strategy within architectural  
design development*, paper, *Research Spaces* conference, **the  
Bartlett + the Slade**, London

*PARCEL – Developing Performative Prototypes in Architectural  
Design*, paper presented at the *Joining Forces* conference, **UIAH  
Helsinki**

*Streaming Architecture Projective Space*, presentation at  
*Space and Perception Symposium*, **Rixc**, Riga, Latvia

*Volumetric Housing Units*, lecture at **City Council** and the  
**Swedish Association of Architects**

*PARCEL*, presentation *Dorkbot\_STHLM* seminar, **CRAC**

*PARCEL*, presentation *Design på Gång* seminar  
**Kulturhuset**, Stockholm

*Prototypes: Tools for Design and Innovation*, lecture  
**IT University**, Stockholm

*Inducing Uncertainty: Performative Prototypes and  
Collaborative Environments*, lecture **Chalmers School of  
Architecture**, Gothenburg

2004

*Communicative Spaces*, lecture **RMI Berghs School of  
Communication**, Stockholm (2004-2005)

*Performative Prototypes*, lecture 2<sup>nd</sup> year, **KTH-A**

2003

*Protocols of Collaboration*, article *RAM1 publication*, **CRAC***Prototypical Diagrams*, lecture, **KTH-A**

2002

*Architectural Prototypes*, article **Polytechnic Society of Gothenburg Yearbook 2002***Progressive Practice in Architecture*, peer-reviewed article in **Nordic Journal of Architectural Research**, with Fredric Benesch*Operative Representation*, annual lecture **KTH-A** (2002-2005)

2001

*Probing the Conjectural*, article **Trans Magazine**, Zurich, and lecture **KTH-A**, with Daniel Norell*Hyper:Sketch - Site specific media in architectural design*, paper, *Architectural Research and IT* conference, Aarhus, with Tobi Schneider**EMPLOYMENT**

2010 –

**White Architects**, Director of Parametric Development

2007

**Greg Lynn Form**, participating architect, Los Angeles

2000 – 2010

**Scheiwiller Svensson Arkitektkontor (SSARK)**,

- Director of *Research&Development* (2009 –)
- Advisor for industrial development project for **Vägverket**
- System architect for industrial initiative for residential projects for **SKANSKA Teknik**
- Advisor in development project on Industrial Office Building production for **SKANSKA Teknik**
- Director of digital development studio *ssark medialab* (2001 –)
- *Streaming Architecture Projective Space (SAPS)*
- Participating architect: *Vällingby* (2004), *Dramatiska Institutet* (2002-2003), *Konstfack* (2001-2002), *Kista Galleria* with student housing and multiplex cinema (2000-2002)
- Competitions: *Sturegallerian* (2003), *kv. Kölnan* (2002)

1999

**Claes Kock** interior design, intern, Stockholm

1997 – 1999

**Uhlen&Malm Arkitektkontor AB**, intern, Stockholm

1996

**Volvo Car Corporation**, facilities, intern, Göteborg

1989 – 1993

**Semcon Teknikinformation**, Illustrator, Göteborg**COMMISSIONED WORK**

2009

*Show Unit sign*, **Riksställningar**, Gotland

2008

*Show Unit 2*, **Riksställningar**, Gotland, re-design

2007

*Gotland Arena* Endrebacke Ideella förening, Gotland, Building Concept, with **YAJ Arkitekter** and **AKT Engineers**

2005

*Vems Röst? Vilken Musik?*, **Musikmuseet**, Stockholm, film production for exhibition

2000 – 2004

commissioned by **Servo**

- *Urbantoys v.2*, 2003, Krets for Servo
- *Lattice Archipelogics*, 2002
- *Urbantoys*, 2000

2003

*ReApproaching new Media 1 (RAM1)*, **CRAC**

printed publication and web production

*Show Unit*, **Riksställningar**, Stockholm, design of mobile space for video art screening

1999

*Hyperfolder*, web production for printed publication [www.runberger.net/hyperfolder](http://www.runberger.net/hyperfolder)

1995

*Folder*, co-founder of conceptual publication, Göteborg

1989 – 1996

Freelance airbrush illustrator

**EXHIBITIONS**

2009

*Bioinspired Forum*, Simrishamn

2008

*Fokus Kina / Show Unit*, **Östasiatiska museet**, Stockholm

2007

*Ben van Berkel and the Theatre of Immanence*, featuring *SplineGraft*, exhibition at **Portikus**, Frankfurt

2006

*Open House – Intelligent Living by Design*, *SplineGraft*, traveling exhibition organized by **Vitra Design Stiftung***AKAD at Lunds Konsthall*, complete research of Krets

2005

*Onedotzero\_stockholm*, **Moderna museet** *Urbantoys v.2*, with Krets for Servo

2004

*Art.Platform*, Stockholm, *SAPS.02* with **ssark medialab** and **Splintermind***Stockholm Arts+Science 2004*, **PARCEL**, with Krets in affiliation to **AKAD***...without borders*, t-shirt design exhibition part of Tokyo style, presented at **Konstfack**

2003

*Reshape*, *Iaspis* sideshow at **Venice Biennale 2003**, *Urbantoys v.2*, with Krets for Servo*Show Unit*, mobile video art space, **Riksställningar**

2002

*Lattice Archipelogics*, **Latent Utopias**, **Steirischer Herbst**, **Landesmuseum Joanneum**, Graz, for Servo

2000

*Ung Svensk Form*, Malmö-Stockholm-Göteborg-London, diploma thesis **KTH-A**, selected in competition*Urbantoys*, **Crac**, **Liljevalchs**, Stockholm, for Servo*Bigga Grejer*, diploma show, **KTH-A**, **Museum of Architecture**, Stockholm, diploma thesis

1999

*Underjorden – Överjorden*, **Museum of Architecture**, Stockholm, student exhibition

1998

*Dynamo, on the generation of Spaces*, The **Bartlett School of Architecture**, End of the Year Exhibition, design project

1996

*Folder*, **Göteborgs museum**, Kulturhatta anniversary exhibition, organizer

*POP*, **Fryshuset**, Göteborg, group exhibition

1994

*Fin de Siecle*, **Stora Teatern**, Göteborg, group exhibition

## MEMBERSHIPS

2010 –

Referee reference group member at **Innovativ Kultur**

2009 –

Board member of **Forum for Industrialised Building Practices**, (Forum för Industriell Byggnadskonst), **KTH**

2008 –

Board member of **Stockholms Arkitektförening**, the local branch of **Swedish Association of Architects**

Member of the editorial board for **Riksställningar** global perspectives

2006 – 2007

Member of the *Online Group of the Space of Communication* project at the **Städelschule**, Frankfurt

Member of the editorial board for journal **RUM**

2003 – 2008

Board member of **Creative Room for Art and Computing**, (**CRAC**)

1993 –

Member of **Swedish Association of Architects**

## GRANTS AND AWARDS

2008

Affiliate partner in *Architectural Operating Systems - Prototypes for Performative Design*, grant from **Swedish Research Council**

Support from **Arkus** for publication on new tools and techniques in architecture (forthcoming)

2006

**ARQ stiftelsen för arkitekturforskning**, financial support for research trip to Los Angeles and New York

**Helge Ax:son Johnsons stiftelse**, financial support for development of Krets project *SplineGraft*

2005

**Skapande Människa**, Scholarship for interdisciplinary work between art and science

2005 – 2009

**LE Lundbergs stipendiestiftelse**, 4-year research grant for the project *Prototype Development within Architecture*

2004

*Bostäder byggda med volymelement i Sverige*, grant **Byggkostnadsforum** (with **SSARK**)

## Ulrika Rosencrantz stipendium

2003

Support from **Arkus** to study on student housing production in Sweden (**SSARK**)

2000

*Outstanding Studio Teaching Award*, **World Millenium Design Competition**, Seoul, Korea

1999

**Ernst Hawermans stipendiefond**

## EDUCATION

2008

Awarded *Licentiate of Engineering*, **KTH School of Architecture**, Stockholm  
*Pedagogy for architectural education*, course **Learning Lab**, **KTH**

2004

Awarded *Master of Architecture*, **KTH-A**, Stockholm

1998 – 2000

**KTH-A**, Electable studios, Stockholm

1997 – 1998

The **Bartlett School of Architecture**, Unit 1 **University College London**, affiliate student

1993 – 1996

Year 1-3, **Chalmers School of Architecture (CTH)**, Gothenburg

1992 – 1993

*History and Theory of Art and Architecture* **University of Gothenburg**

1985 – 1989

*Technical Gymnasium*, El/Tele **Lars Kaggskolan**, Kalmar

## MILITARY SERVICE

1990 – 1991

*Amfibiebataljon*, Kustartilleriet, KA1 + KA2

## LANGUAGE

*Swedish* native

*English* fluent

*German* basic

## COMPUTER SKILL

Microstation, 3dstudio max, Maya, Rhinoceros, Grasshopper, GenerativeComponents, FormZ, Virtools, Photoshop, Illustrator, Image Ready, After Effects, Premiere, Encore, Captivate, InDesign, Pagemaker, Word, Dreamweaver, Flash, Html, Css

## OTHER

B-class Driver's license

*References given on request*