

James Melsom

Research Associate

ETH Zurich, Institute of Landscape Architecture, Prof. Girot

CONTACT

Teaching and Research

ETH Zurich HIL H 55.3

8009 Zurich Switzerland

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CURRENT POSITION

2007–present **ETH Zurich, Institute of Landscape Architecture, Prof. Girot, Zurich, Switzerland**
Research Associate, Coordination LVML + DesignLab

2007–present **James Melsom Landschaftsarchitekt BSLA, Basel, Switzerland**
Consulting Landscape Architect

ROLES AND RESPONSIBILITIES

2012–present Master Thesis Program, D.Arch, ETH Zurich
Coordinator, Specialization Landscape Architecture

2012–present DesignLab Leader, Institute of Landscape Architecture, ETH Zurich
Coordination and Organization

2009–present Landscape Visualization and Modeling Lab (LVML), ETH Zurich
Coordination and co-founder with Christophe Girot

2009 Swiss Institute of Landscape Architects (BSLA)
Registered Landscape Architect, North-west Switzerland Chapter

2007–present MAS LA Teaching Staff, Institute of Landscape Architecture, ETH Zurich
Coordination of visualization, analysis and modeling modules (since 2010)

2007–present Landscape Design Studio, Institute of Landscape Architecture, ETH Zurich
Studio Critiques and Visualization Workshop Leader

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EDUCATION

2004-2005 ETH Zurich, Institute of Landscape Architecture, Prof. Girot, Switzerland
MAS Landscape Architecture

1996-2001 University of Western Australia
B. Architecture (Hons) - (pre-dates M.Arch program)

PROFESSIONAL

2007-present **ETH Zurich, Institute of Landscape Architecture, Prof. Girot**
Zurich, Switzerland
girot.arch.ethz.ch
Research Associate, Coordination LVML + DesignLab

2007-present **James Melsom Landschaftsarchitekt BSLA**
Basel, Switzerland
jmla.eu
Consulting Landscape Architect

2005-2007 **DS Landschapsarchitecten**
Amsterdam, the Netherlands
dsla.nl
Project Landscape Architect

2003-2004 **Karres en Brands Landschapsarchitecten**
Hilversum, the Netherlands
karresenbrands.nl
Project Landscape Architect

2000-2003 **Tierra, Landscape Architects**
Perth, Australia and Singapore
tierradesign.com
Project Landscape Architect

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PUBLICATIONS

JOURNAL ARTICLES AND BOOK CHAPTERS

Girot, C., Hoekstra, J., Melsom, J., Rossano, F., Shannon, K., et al. ILA ETH Zürich (Ed.) (2012): **Rising Waters, Shifting Lands**. Pamphlet 16. GTA Verlag, Zurich

Girot, C., Hurxkens, I., Kapellos, A., Melsom, J. (2011): **Scales of Topology: New Landscape Perception in Advanced Visualization and Modeling Techniques**. In: *New Geographies, 4: Scales of the Earth*, El Hadi Jazairy (Ed.), Harvard Graduate School of Design. p.156-163

Girot, C., Melsom, J., Kapellos, A. (2010): **Iterative Landscapes**. In: *The Design of Material, Organism, and Minds: Different Understandings of Design*, S. Konsorski-Lang and M. Hampe (Ed.) Springer Berlin Heidelberg. p.109-115

Girot, C., Fricker P., Marot, S., Melsom J., Oswald F., Parish, J., Ponte, A., ILA ETH Zürich (Ed.) (2008): **Upper Rhine Delta, MAS LA ETH**, GTA Verlag, Zurich. [Articles: Girot, C., Melsom J.: **Process, Methodology**. p. 8-11. Melsom, J.: **International Workshop**. p. 32-33]

CONFERENCE PROCEEDINGS

Fraguada, L., Melsom, J. (2014): **Urban Pulse: The Application of Moving Sensor Networks in the Urban Environment: Strategies for Implementation and Implications for Landscape Design**. In: *Peer-reviewed Proceedings Digital Landscape Architecture 2014*, ETH Zurich. Wichmann Verlag, Offenbach (to be published in May, 2014)

Fraguada, L., Girot, C., Melsom, J. (2013): **Ambient Terrain: The generation of large-scale landscape site data for design applications**. In: *Proceedings eCAADe 2013: Computation and Performance*. Delft, NL

Dubor, A., Fraguada, L., Melsom, J. (2013): **Asynchronous Streams (workshop cluster leader)**. In: *SmartGeometry 2013 Conference*, smartgeometry.org (online only) Bartlett, UCL, London

Fraguada, L., Girot, C., Melsom, J. (2012): **Synchronous Horizons: Redefining spatial design in landscape architecture through ambient data collection and volumetric manipulation**. In: *Peer-Reviewed Proceedings ACADIA 2012: Synthetic Digital Ecologies*, San Francisco

Klein, T., Wissen Hayek, U., Neuenschwander, N., Melsom J., Grêt-Regamey, A. (2012): **A Concept for Operationalizing Qualitative Factors Combining Sophisticated Visualization Workflows**. In: *Peer-reviewed Proceedings RealCorp 2012, 17th International Conference on Urban Planning and Regional Development in the Information Society GeoMultimedia 2012*

Fricker, P., Melsom, J., Werner P. (2012): **From reality to virtuality and back again: Teaching experience within a postgraduate study program in Landscape Architecture**. In: *Peer-reviewed Proceedings Digital Landscape Architecture 2012*, Anhalt University of Applied Sciences. Wichmann Verlag, Offenbach.

Fricker, P., Girot, C., Kapellos, A., Melsom, J. (2011): **Landscape Architecture Design Simulation: Using CNC Tools as Hands-On Tools**. In: *Buhmann/Pietsch/Kretzler (Eds.):*

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Peer-reviewed Proceedings Digital Landscape Architecture 2011, Anhalt University of Applied Sciences. Wichmann Verlag, Offenbach

Wissen Hayek, U., Melsom, J., Neuenschwander, N., Girot, C., Grêt-Regamey, A. (2011): **Interdisciplinary studio for teaching 3D landscape visualization: lessons from the LVML**. In: Buhmann/Pietsch/Kretzler (Eds.): Peer-reviewed Proceedings Digital Landscape Architecture 2011, Anhalt University of Applied Sciences. Wichmann Verlag, Offenbach

Girot, C., Bernhard, M., Ebnöther, Y., Fricker, P., Kapellos A., Melsom, J. (2010): **Towards a meaningful Usage of Digital CNC Tools: Within the Field of large-scale Landscape Architecture**. Peer-reviewed Proceedings of FUTURE CITIES 28th eCAADe Conference, ETH Zurich (Switzerland). Prize: Ivan Petrovic Award (2010), Presented by Pia Fricker

Fricker, P., Girot, Hurkxkens, I., C., Kapellos, A., Melsom, J. Werner, P., (2010) **From Points to Project, New land surveying techniques and it's impact on topological landscape design and visualization** (Poster). Peer-reviewed Proceedings Digital Landscape Architecture conference, Anhalt University of Applied Sciences, DE (Awarded Second Prize Posters)

ADDITIONAL PUBLICATIONS CURRENTLY IN PRODUCTION

Girot, C., Melsom, J. (2014) **The Return of the Aviators**. In: Topos Magazine (exact date of publication not yet known)

Girot, C., Hurkxkens, I., Melsom, J. et.al. ILA ETH Zürich (Ed.) (2014) **Field Instruments of Design**. In: Pamphlet 18. GTA Verlag, Zurich (exact date of publication not yet known)

PUBLISHED PROJECTS

- 2008/10/12 Various Competition Proceedings (Award related), Stadt Bern / Stadt Aarau
- 2007 Building Design weekly, United Kingdom, Olympic Park Overpass Project with PLUS office Architects (BE), London, UK
- 2006 QUAP Workshop Proceedings, Valdobiadene, 1st Prize, Municipality of Treviso, Italy
- 2004 Topos Magazine, Various works with Karres en Brands Landschapsarchitecten, Issue 49

INVITED LECTURES

Department of Landscape Architecture, Chulalongkorn University
Invited Lecture on Dynamic Landscape Design, Bangkok, Thailand, Aug 2013

Department of Architecture and Planning, Profs. Secchi+Mascino, Milano Politecnico
Invited Lecture on Landscape Design Workflows, Italy, 24 May 2013

Landscape Architecture II, Institute of Landscape Architecture, ETH Zurich
Seminar Lectures on the History and Theory of Landscape Architecture, April 2012/2013

Department of Landscape Architecture, Prof. Kondolf, Berkley UC, USA
Invited Lecture on Methods of Territorial Landscape Design, 22 Oct 2012

World Intelligent Cities Summit 2012, Istanbul, Turkey
Invited Lecture on Future Scenarios for the City of Zurich, 14 Sept 2012

Landscape Architecture Methods, MAS Landschaft Entwicklung, ETH Zurich

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Seminar Lectures on Landscape Architecture Methods, August 2009/2011/2013

Various Lectures, Institute of Landscape Architecture, ETH Zurich, 2007-2014

INVITED CRITIQUES

M.Arch Studio, Profs. Secchi+Mascino, Design Critique, May 2013

M.Arch Zernez Studio, Prof. Kees Christiaanse, Design Critique, May 2012

MLA Course, KU Leuven, Prof. Kelly Shannon, Design Critique, March 2007

Various Invited Design Critiques, D.Arch, ETH Zurich 2007-2014

INVITED DESIGN WORKSHOPS

Smartgeometry 2013 Conference, Workshop Co-leader, Cluster (A)Synchronous Streams, with Luis Fraguada, Felipe Pacigueiro, Alex Dubor, London, UK, 15-20 April, 2013

MLA Jakarta Studio, Prof. Rekittke, Design+Visualization Workshop
Future Cities Laboratory, NUS, Singapore March 2012

IBA Stadtumbau Dessau, Invited Professional Workshop
Bauhaus Dessau, Germany 2008

QUAP Invited Professional Workshop, project sites Valdobiadene and Oderzo
Treviso, Italy 2006

PEER REVIEW INVITATIONS

DLA Conference Proceedings, specialist paper review, ETH Zurich, 2014 (decl.)

Journal of Urbanism, specialist paper review, Routledge Publishers, 2013

Smart Geometry conference, candidate review and selection, London, 2013

PROFESIONAL AWARDS

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| 2012 | KVA Warmbächliweg, with BHSF Architekten, Zurich
1 st Prize - City of Bern, Switzerland
Invited Competition, Urban Planning and Landscape Architecture |
| 2010 | Aarau Brücke, with Bachelard Wagner Architekten, Basel
3 rd Prize - City of Aarau, Switzerland
Open Competition, Bridge Design and Landscape Architecture |
| 2008 | Stockäcker Süd with Bachelard Wagner Architekten, Basel
4 th Prize - City of Bern, Switzerland
Open Competition, Urban Planning and Landscape Architecture |
| 201-2007 | Various project-related awards in the role of Project Landscape Architect at firms in Australia and the Netherlands (named in professional experience) |