

CV Marthijn Pool Msc Arch.

Name Marthijn N. Pool
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Education

1999-2005 Master of Science at the Technical University of Delft, faculty of Interactive Architecture (prof. Kas Oosterhuis)
2004 Politecnico di Milano Leonardo, Architectural Design (prof. Salotti and prof. Vogliazzo)
Politecnico di Milano Bovisa, Industrial Design (prof. Andrea Branzi)

Work experience

2009 Co-founding space&matter in Amsterdam, NL, Office for architecture, urban strategies and concept development (together with Tjeerd Haccou and Sascha Glasl)
2005-2009 Project architect at ONL [Oosterhuis_Lénárd] Rotterdam. Within the visionary architectural practice of prof. Kas Oosterhuis responsible for the realization of the prize winning Budapest CET project as well as founding and managing the ONL Hungary office. Research and development of parametric design strategies and Building Information Integration to optimize, design and construction processes.
Realized projects: Budapest CET, Social housing F-Zuid Amsterdam, iWEB pavilion for interactive architecture, Berlin Landscape Lounge interactive furniture, Philips Transitions Worldwide exposition installation, Festo Hannover exposition installation.
2004-2005 Queeste Architecten, Den Haag. Assistent designer for Blok 57 Ijburg Amsterdam.

Research

2010 Funded research and development of interactive design tools for user oriented development. Innovation and experimentation resulting in optimized process organization. The strong social network within clustered user oriented developments are researched specifically.
2008 Flood proof housing in Composite materials. Free form design of lightweight composite material for the innovation and implementation in flood risk zones.

Teaching

2010 Workshop at TU Wien for Advances in Architectural Geometry 2010 Conference. The 'Collective Intelligence Design' workshop aims for intense collaborative design synergies.
2010 NIROV knowledge institute, development of tools to optimize User Oriented Design processes
2008 Festo Muscle wall design tutor, collaboration with Hyperbody Research Group
2007 Master students design tutor, studio Beijing 798 at TU Delft (prof. Kas Oosterhuis)

Lectures

2010 MediaCity2010 conference at BauHaus University Weimar; C@rchitecture: 'the architecture-infrastructure synergie'.
2010 TU Delft lecture on Design Strategies; how designing a process enables the architect to operate adaptively, flexibly and effectively.
2010 Shanghai World Expo adaptation festival. How new media enables the architect to embed different levels of interaction in the design proces.
2010 London ULI Europe Trends conference. 'Bottom up approach in Real estate development initiation.
2010 Paris ULI Europe. 'Opportunities of Social media for Real Estate'
2009 Muenster FachHochschule professor application presentation; 'Building Relations in Architecture'
2009 Munchen Revit Users Conference; 'Beyond Building Information Modeling'
2008 Moscow Autodesk BIM users day.; 'Information integration and Design Process optimization'
2008 Eindhoven Philips Light Congress; 'light design in architecture'
2008 Berlin Autodesk Building Information Modeling congress and award ceremony.
2008 Utrecht DXF, Design by Fire conference on interaction Design
2007 TU Delft Concept House conference, Rules and Innovation in Design
2007 TU Delft Architectural Positions Seminar.

Publications

- 2010 ArchitectuurNL – interview publication on profile and portfolio of space&matter
- 2010 MediaCity Interaction of Architecture, Media and Social Phenomena. c@rchitecture thesis.
- 2010 WestArch volume 1, 'a new generation of young European architects' office presentation.
- 2010 You Design WeBuild - article on presentation in Shanghai 'Designing the Hybrid City'
- 2010 Archizoom – the Hetzian space article on Shanghai 'Designing the Hybrid City'
- 2010 c@rchitecture thesis published in 'Ring A10', book on the highway surrounding amsterdam.
- 2010 De Architect March 2010: 'Memos for the next 40 years' the architects role and responsibilities
- 2010 De Architect February 2010: 'Young Architects' profile space&matter.
- 2010 Interactive Architecture #3, F-Zuid – dynamics and parametrics in façade design.
- 2009 Innovative Design and Construction Technologies. Abstract: 'Architecture = Information'
- 2008 Interactive Architecture #2, iWEB – interactive interior.
- 2007 Interview Bouwwereld, F-Zuid social housing, Double curved surfaces.
- 2007 Interview Bouwwereld, re-use of the Web of North Holland pavilion for TU Delft.

Expositions

- 2010 WestArch an new generation of young European Architects from Belgium, The Netherlands and Germany. Presenting three projects and the office profile along with debate and lecture.
- 2010 ROOTS exhibition at the Glaspaleis Heerlen, young architects from the Euregio.
- 2009 'Architecture and Infrastructure Synergie'. Exposition of Master thesis in ARCAM, Architecture Centre Amsterdam.
- 2004 'Avénir de Ville'; the city of the future. In collaboration with ONL [Oosterhuis_Lénárd]

Awards

- 2010 NEPROM 'zo wil ik wonen' competition on consumer oriented housing development. 1st prize.
- 2008 Autodesk Experience BIM Award. For the integral implementation of the Budapest CET project in CAD software.