

# Curriculum Vitae

**Name:** Patrick Hubert Theodoor JANSSEN

**Present Appointment:** Assistant Professor

**Contact Information:**

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**Research Areas**

Generative and evolutionary techniques in design

Computer aided environmental design

**Teaching Areas**

Design studio

Digital design media

Computer aided environmental design

**Academic/Professional Qualification**

- Ph.D. (2004) Hong Kong Polytechnic University
- Registered Architect (1999), RIBA, ARB
- Masters in Cognitive Science and Intelligent Computing (1999) University of Westminster, UK
- Diploma in Architecture (1996) Architectural Association School of Architecture
- BA in Architecture (1983) University of Manchester.

**Awards/Honours**

- Post Doctoral Fellowship, Hong Kong Polytechnic University (2004)
- International PhD scholarship, Hong Kong Polytechnic University (1999)

**Professional/Consulting Activities**

- 2008, Digital design consultant for Gianni Botsford Architects
- 2008, Digital design consultant for Morphogenesis Architecture
- 2007, Workshop in Delft

**Career History**

- Assistant Professor (2008-ongoing) Department of Architecture, National University of Singapore
- Lecturer (2006-2008) Faculty of Architecture, Building and Planning, University of Melbourne, Australia
- Post Doctoral Fellow (2004-2006) Hong Kong Polytechnic University, Hong Kong
- Assistant Professor (PT) (2004-2006) Faculty of Architecture, The University of Hong Kong
- PhD Research (1999-2004) Hong Kong Polytechnic University, Hong Kong
- Architect (1996-1999) Gianni Botsford Architects, London, UK

**Administrative Leadership**

- 2008-ongoing, Member of dCity
- 2006-ongoing, Founding Member of Critical Research in Digital Architecture, The University of Melbourne
- 2007-2008, Web-Technologies and E-Learning Coordinator, The University of Melbourne
- 2000-2006, Founding Member of Design Technology Research Centre, Hong Kong Polytechnic University

**Public and Professional Service**

- 2008, Member of the Built Environment Design Professions' Industry Action Agenda, Australia
- 2008, Guest Editor for The International Journal of Architectural Computing

**Selected Publications**

- Janssen, P., "A Generative Evolutionary Design Method" in *Digital Creativity*, vol. 17, no. 1, 2006, pp. 49-63, 2006.
- Janssen, P., Frazer, J., Tang, M-X., "A Framework for Generating and Evolving Building Designs" in *The International Journal of Architectural Computing*, vol. 3, no. 4, 2006, pp. 449-470, 2006.
- Janssen, P., "The Role of Preconceptions in Design: Some implications for the development of computational design tools" in *Proceedings of The Second International Conference on Design Computing and Cognition (DCC'06)*, 365-383, 2006.
- Janssen, P., Frazer, J., Tang, M-X., "Generative Evolutionary Design: A system for generating and evolving three-dimensional building models" in *The 3rd International Conference on Innovation in Architecture, Engineering and Construction (AEC 2005)*, Rotterdam, The Netherlands, 15-17 June, pp 35-45, 2005.
- Janssen, P., Frazer, J., Tang, M-X., "Evolutionary Design Exploration Systems" in *Proceedings of the World IT in Construction Conference (INCITE2004)*, Langkawi, Malaysia, 18-21 February 2004, pp 79-84, 2004.
- Janssen, P., Frazer, J., Tang, M-X., "Evolutionary Design Systems and Generative Processes" in *The International Journal of Artificial Intelligence, Neural Networks, and Complex Problem-Solving Technologies*, vol. 16, no. 2, March/April 2002, pp 119-128, 2002.