

Matthew Gardiner

Lives and works in Linz, Austria

1976 Born Shepparton, Victoria, Australia.

1997 Bachelor of Fine Art Photography, Victorian College of the Arts

Selected Exhibitions and Projects

- 2012** • *nano-scale-fold*, Wonderland, Museum of Contemporary Art Taipei
 - *Oribotics [the future unfolds]*, Centre d'Art Contemporain Genève, Switzerland
 - *Oribotics [the future unfolds]*, Bremen Fablab, Bremen
- 2011** • *Fixing History*, CERN, *Ars Electronica Futurelab*
- 2010** • *Oribotics [the future unfolds]*, Tokyo Design Touch, Tokyo, Japan
 - *Oribotics [the future unfolds]*, Ars Electronica Museum, Linz, Austria
 - *Oribotics [futurelab]*, Ars Electronica Festival, Linz, Austria
- 2009** • *RadioBots*, Shepparton Art Gallery
 - *Oribotics [network]*, *Robodays Robot Festival*, Denmark
 - *Oribotics [de]*, *Künstlerdorf Schöppingen*, Germany
- 2008** • *Oribotics [dublin]*, ArtBots 2008, Science Gallery, Dublin
 - *Oribotics [SLQ]*, *State Library of Queensland*
 - *Trouble on Planet Earth*, Adelaide Fringe Festival 2008
 - *Evolve in Paper*, Sculpture commission, Evolve building, Sydney
 - *Giant Wishing Cranes*, Sydney Festival for the Arts
- 2007** • *Oribotics [network]*, Melbourne International Arts Festival, Federation Square, Melbourne
 - *Folding Australia 2007*, Origami Convention Director, Melbourne
 - *Artist in Residence*, Federation Square, Melbourne
- 2006** • *4th Origami Science Mathematics and Education Conf. presenter*, Pasadena, CA, USA
 - *1001 Cranes*, Federation Square
 - *Oribotics [laboratory]*, Paper show, Perth Institute of Contemporary Art
 - *Oribotics [laboratory]*, SheppARTon Festival, Shepparton Regional Art Gallery
 - *Oribotics [laboratory]*, Unnatural Selection, Manning Regional Art Gallery
 - *ABC Sunday Arts TV*, Presenter for Origami teaching segments
- 2005** • *Oribotics [laboratory]*, Asialink Centre, Melbourne University
 - *Raising the Rattle, featuring Oribotics [laboratory]*, Big West Festival
 - *Oribotics*, Dorkbot Ghent - DorkFest, Ghent, Belgium
 - *Oribotics*, Victorian Circus New Media Festival, Amsterdam, Holland
 - *Origami House Economy size*, A Re-constructed World, Linden Gallery, Melbourne.
 - *Folding Australia 2005*, International origami convention, Latrobe Regional Gallery, Morwell
 - *Origami House*, Melbourne Origami Group, Latrobe Regional Gallery, Morwell
 - *Oribotics*, Latrobe Regional Gallery, Morwell
 - *Imagebank*, Online image resource for CCP, <http://ccp.org.au/imagebank/>
 - *Origami*, Project mentor for Phillip Adams & Ballet Lab.
- 2004** • *Oribotics*, Electrofringe, curated by Gail Priest, Newcastle Regional Gallery, Newcastle
 - *New/Old*, curated by Michaela French, Platform Gallery, Melbourne
 - *Oribotics*, Next Wave Festival, TCB/Uplands Gallery, Melbourne
 - *Folding Australia 2*, Origami Convention, Swinburne University, Melbourne
 - *Yellow Pages Origami*, Saatchi & Saatchi, Auckland, New Zealand
 - *Subaru Interactive @ Docklands*, Creatology/Airstrip, Subaru Docklands, Melbourne
- 2003** • *Folding Australia 1*, Origami Convention, Horti Hall Gallery, Melbourne
 - *Boothsite for Booth@acmi*, Technical Director, <http://www.acmi.net.au/booth/>
- 2002** • *Orimattic v0.2*, Bed Supper Club, Bangkok, Thailand.
 - *Increasing Origami*, Next Wave Festival, Horti Hall Gallery, Melbourne
- 2001** • *www.papercrane.org launch*, <http://www.papercrane.org>
 - *Booth @ ACMI - programmer/developer*, Drome Pty Ltd, ACMI, Melbourne
- 2000** • *Temple of Dreams*, Next Wave Festival, E-media Gallery, Centre for Contemporary Photography, Melbourne
- 1999** • *Corrupted 2 - Chunky Move CDROM*, Drome Pty Ltd, Chunky Move, Cinemedia

- 1998** • *Roadkill Navigator*, curated by Shiralee Saul Experimenta, E-media Gallery, Centre for Contemporary Photography, Melbourne
- *Roadkill Navigator*, curated by Experimenta, Institute of Modern Art, Brisbane
- *NorthWest 2010 - "Planning with your community"*, Drome Pty Ltd, City of Melbourne, North Melbourne Town Hall, Melbourne.
- 1997** • *VCA Graduate Photography*, Centre for Contemporary Photography, Melbourne

Work History

- 2011 - Present** *Senior Research Lead*, Ars Electronica Futurelab <http://www.aec.at>
- 2000 – 2011** *Airstrip Director*, New Media consulting, <http://www.airstrip.com.au>
- 1999 – 2007** *Multimedia Lecturer*, Swinburne University, National Institute of Design
- 1997 – 1999** *Drome Pty Ltd*, Directors Peter Hennessey and Patricia Piccinini

Selected Bibliography

- Matthew Gardiner, *'The Future Unfolds'. Origami 5*, A K Peters. Ed. Patsy Wang-Iverson, 2011
- Matthew Gardiner, *'A brief history of Oribotics'. Origami 4*, A K Peters. Ed. Robert J Lang, 2009
- Gail Priest, *Unnatural Selection catalogue essay*, 2006.
- Cynthia Troup, *Mechaniflorum quinquiplicatum M.Gardiner et sp. nov, UN Magazine 01*, 2004

URLS

- <http://www.airstrip.com.au>
- <http://www.papercrane.org>
- <http://www.oribotics.net>

Residences

- 2012** *Opening Keynote address, TEI 2012, Kingston, Ontario, Canada*
- 2010** *Ars Electronica Futurelab Artist in Residence*, Linz, Austria.
- 2008** *Schöppingen Artist in Residence*, Schöppingen, Germany.
- 2008** *PICA Artist in Residence*, Perth, Australia.
- 2007** *Federation Square Company in Residence*, Melbourne.
- 2005** *Australia Council Studio Residency*, Tokyo, Japan.
- 2004** *Origami House - Tanteidan 10, origami convention mentoree*, Tokyo, Japan.
- 2003** *Digital Artist @ Latrobe Regional Gallery*, Supported by NETS Victoria.

Grants/Awards

- 2010** *Rupert Bunny Fellowship*, City of Port Phillip, Melbourne, Australia.
- 2009** *Ars Electronic Futurelab Residency*, Novamedia, Ars Electronica, Australia Council.
- 2008** *Radiobots*, Arts Victoria Community Board.
- 2008** *Professional Development Grant*, Australian Network for Art & Technology.
- 2008** *Trouble on Planet Earth*, Pick of the Fringe Award
- 2007** *Oribotics [network]*, Arts Victoria Arts Innovation Board.
- 2006** *Professional Development Grant*, Australian Network for Art & Technology.
- 2005** *RUN_WAY*, Ozco New Media Arts Board.
- 2005** *Tokyo Studio Residency*, Ozco Visual Arts and Craft Board.
- 2005** *Oribotics [laboratory] presented by Aphids*, Ozco New Media Arts Board.
- 2005** *Oribotics [laboratory] presented by Aphids*, Arts Victoria Arts Craft Board.
- 2005** *Oribotics [laboratory] presented by Aphids*, Melbourne City Council.
- 1997** *George Hicks Award, VCA*, for 'Roadkill Navigator' interactive work.
- 1993** *Iford Photographic Award*.
- 1993** *Age/Nikon Photographic merit Award*.

Publications

2013 *Designer Origami (forthcoming)*. Hinkler Books

2008 *Everything Origami*. Hinkler Books, ISBN 978-1-7418-2567-1.

2007 *Folding Australia 2007 Origami Convention Book*. ISBN 0-9757463-0-1 Airstrip Ed. D. Scott.

2005 *Folding Australia 2005 Origami Convention Book*. ISBN 0-9757463-0-8 Airstrip Ed. M. Gardiner.

2003 *Folding Australia 2003 Origami Convention CDROM*. Airstrip Ed. M. Gardiner.

2000 *Temple of Dreams CDROM*.

Academic Publications

Gardiner, M. and Gardiner, R. 2012. The functional aesthetic of folding, self-similar interactions. In *Proceedings of the Sixth international Conference on Tangible, Embedded and Embodied interaction* (Kingston, Ontario, Canada, February 19 - 22, 2012). S. N. Spencer, Ed. TEI '12. ACM, New York, NY, 19-22. DOI= <http://doi.acm.org/10.1145/2148131.2148134>

Gardiner, M., Lindinger, C., Haring, R., Hörtner, H., Ogawa, H., and Ogawa, E. 2011. Social brainstorming via interactive fabrication. In *Proceedings of the 8th international Conference on Advances in Computer Entertainment Technology* (Lisbon, Portugal, November 08 - 11, 2011). T. Romão, N. Correia, M. Inami, H. Kato, R. Prada, T. Terada, E. Dias, and T. Chambel, Eds. ACE '11. ACM, New York, NY, 1-2. DOI= <http://doi.acm.org/10.1145/2071423.2071516>

Matthew Gardiner, Hideaki Ogawa, Christopher Lindinger, Roland Haring, Emiko Ogawa, My Trinh Gardiner, Martina Mara, and Horst Hörtner. 2012. SWITCH: case study of an edutainment kit for experience design in everyday life. In *Proceedings of the Sixth International Conference on Tangible, Embedded and Embodied Interaction (TEI '12)*, Stephen N. Spencer (Ed.). ACM, New York, NY, USA, 271-274. DOI=10.1145/2148131.2148188 <http://doi.acm.org/10.1145/2148131.2148188>

Hideaki Ogawa, Martina Mara, Christopher Lindinger, Matthew Gardiner, Roland Haring, David Stolarsky, Emiko Ogawa, and Horst Hörtner. 2012. Shadowgram: a case study for social fabrication through interactive fabrication in public spaces. In *Proceedings of the Sixth International Conference on Tangible, Embedded and Embodied Interaction (TEI '12)*, Stephen N. Spencer (Ed.). ACM, New York, NY, USA, 57-60. DOI=10.1145/2148131.2148145 <http://doi.acm.org/10.1145/2148131.2148145>

Matthew Gardiner, Christopher Lindinger, Roland Haring, Horst Hörtner, Hideaki Ogawa, and Emiko Ogawa. 2011. Social brainstorming via interactive fabrication. In *Proceedings of the 8th International Conference on Advances in Computer Entertainment Technology (ACE '11)*, Teresa Romão, Nuno Correia, Masahiko Inami, Hirokasu Kato, Rui Prada, Tsutomu Terada, Eduardo Dias, and Teresa Chambel (Eds.). ACM, New York, NY, USA, , Article 76 , 2 pages. DOI=10.1145/2071423.2071516 <http://doi.acm.org/10.1145/2071423.2071516>