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

2014 · *Oribotics [the future unfolds],* Surface to Structure, Cooper Union, New York City
· *Oribotics [the future unfolds],* Solidcon Keynote, San Francisco
2013 · *Light is Time, Folds Are Space,* Alhôndiga Bilbao, Spain
· *Project Genesis, (curator) Ars Electronica Centre,* Linz, Austria
· *Synthetic Memetic, Project Genesis, Ars Electronica Centre,* Linz, Austria
· *Oribotics [the future unfolds],* Like a Second Nature, Volkswagon, Berlin, (Ars Electronica)
· *Oribotics [the future unfolds],* ITU Telecom World, Bangkok, Thailand (Ars Electronica)
· *Oribotics [the future unfolds],* VIVID Festival Sydney, Australia
· *Fixing History, CERN Computing Centre*
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 comission, 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 & Ssatchi, 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
2013 *PEEK,* FWF *(*Austrian Science Fund) 36 month funding, Vienna, Austria
2010 *Rupert Bunny Fellowship,* City of Port Phillip, Melbourne, Australia.
2010 New work (established), Australia Council Visual Arts Board
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 *Trouble on Planet Earth,* Australia Council InterArts Board
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 Ilford 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

Horst Hörtner, Matthew Gardiner, Roland Haring, Christopher Lindinger, Florian Berger. "Spaxels, Pixels in Space – A Novel Mode of Spatial Display" In: Proceedings of International Conference