

# Petra Gemeinboeck

## CURRICULUM VITAE | 2022

### EDUCATION

- 2004 **Doctor of Technical Sciences**  
Program of Visual Culture, Faculty of Architecture, Vienna University of Technology  
Thesis: "Negotiating the Virtual: Inhabiting Architectures of Emergence and Remoteness"
- 2003 **Master of Fine Arts in Electronic Visualization**  
Electronic Visualization Laboratory, School of Art and Design, University of Illinois at Chicago
- 2000 **Diplom-Ingenieur (equiv. to MSc) in Architecture**  
Faculty of Architecture, University of Stuttgart
- PROFESSIONAL DEVELOPMENT
- 2011 Academic Women in Leadership (AWIL), University of New South Wales
- 2007 Graduate Certificate in Higher Education, Faculty of Education, University of Sydney
- 2006 Postgraduate Supervisors Development Program, Institute of Teaching Learning (ITL),  
University of Sydney

### PROFESSIONAL EXPERIENCE (since 2002)

- 2021–25 **ARC Future Fellow**  
Centre for Transformative Media Technologies, Swinburne University of Technology, MEL, AU  
funded through the Australian Research Council's Future Fellowship scheme
- 2020– **Associate Professor of Interactive Media**  
Faculty of Health, Arts and Design, Swinburne University of Technology, MEL, Australia
- 2019–23 **FWF PEEK Project Leader**  
Department for Media Theory, University of Applied Arts Vienna, Austria  
funded through the Austrian Science Fund (FWF) PEEK programme
- 2018–19 **Senior Research Fellow**  
MetaMakers Institute, Falmouth University, UK  
funded through an EU-funded (FP7) ERA project
- 2014–15 **Director, Postgraduate Research**  
Faculty of Art & Design, University of New South Wales, Sydney, AU
- 2013–16 **Deputy Director, Creative Robotics Lab (CRL)**  
National Institute for Experimental Arts, Art & Design, UNSW, Sydney, AU
- 2009–20 **Senior Lecturer in Interactive Media Arts**  
Faculty of Art & Design, University of New South Wales
- 2010–13 **Coordinator, Postgraduate Research**  
School of Media Arts, Art & Design, University of New South Wales, Sydney, AU
- 2004–09 **Lecturer in Digital Media**  
Design Lab, Faculty of Architecture, Design & Planning, University of Sydney, AU
- 2003–04 **Lecturer in Media Practice and Theory**  
Department of Media and Cultural Studies, University of Sussex, UK
- 2002–03 **Visiting Artist / Lecturer**  
Faculty of Architecture, University of Stuttgart, Germany

## SUPERVISION EXPERIENCE

### SUPERVISED TO COMPLETION

7 PhD, 3 MFA, 2 MSc candidates at The University of Sydney, UNSW, AU, and Falmouth University, UK  
2 PhDs received the Dean's Award for Excellence in Postgraduate Research at UNSW Art & Design

### CURRENT SUPERVISION

1 PhD student, Royal College of Art (RCA), UK

## SOLO EXHIBITIONS

- 05-06 2013 **Accomplice**, curated by Mark Feary, *Artspace Sydney*  
09 2011 **Politik der Wand**, curated by Ursula Musil, *Forum Stadtpark, Graz, AT*  
06-07 2010 **Zwischenräume**, cur. by Ruth Schnell, *Schauraum Angewandte at MuseumsQuartier Vienna*  
02-03 2008 **Uzume**, cur. by Kurt Laurenz Theinert, *Kunsttressor: Raum für Flüchtige Kunst, Stuttgart, DE*  
08-09 2007 **Impossible Geographies**, curated by Janice Fieldsend, *Tin Sheds Gallery, Sydney*  
11-12 2005 **Impossible Geographies 1.1: Memory**, cur. by Matthew Miller, *Gallery Fabrica, Brighton, UK*  
07-08 2005 **Impossible Geographies 01: Memory**, curated by *Gustavo Soto-Rosa and Rueben Moore Gallery Soto, Boston, MA*  
01-02 2003 **Pressentiments II**, *Centre des Arts Enghien, Enghien-les-Bains at Paris*

## GROUP EXHIBITIONS (SELECTION)

- 05-09 2018 **...and the things we do. Prototipoak Biennial**: International meeting of New Artistic Forms, curated by Mike Brookes and Rosa Casado, *Azkuna Zentroa, Bilbao, ES*  
05-06 2018 **Games as Arts Festival**, curated by Blanca Perez-Ferrer, *The Exchange Gallery, Penzance, UK and Academy of Music and Theatre Arts (AMATA), Falmouth University, UK*  
11 2017 **Re/Pair @ The Big Anxiety Festival**, curated by Deborah Tillman, *University of NSW, Sydney*  
11 2015 **Robots At Work**, 5th Annual Robot Film Festival, *Pittsburgh, PA*  
06-07 2014 **Thingworld: International Triennial of New Media Art**, curated by Zhang Ga, *National Art Museum of China (NAMOC), Beijing*  
03-06 2014 **Science Fiction: New Death**, curated by Omar Kholeif and Mike Stubbs, *Foundation for Art and Creative Technology (FACT), Liverpool, UK*  
08-10 2012 **National New Media Art Award**, group exhibition of 8 finalists, curated by Peter McKay and Amanda Slack-Smith, *Gallery of Modern Art (GoMA), Brisbane, AU*  
01-02 2012 **abstraction contraption**, curated by Kirsty Boyle, *The Edge, Brisbane, AU*  
07 2011 **Underbelly Arts Festival**, curated by Imogen Semmler, *Cockatoo Island, Sydney*  
07 11-04 13 **Love Lace**, group exhibition of finalists of the International Lace Award, curated by Lindy Ward, *Powerhouse Museum Sydney*  
03-05 2010 **BIENNALE CUVÉE. World Selection of Contemporary Art**, curated by Genoveva Rückert and Martin Sturm, *OK Center for Contemporary Art, Linz, AT*  
10 2009 **e-MobiLArt**, *RONDOSTUCKI Gallery, Academy of Fine Arts, Katowice, PL*  
05-06 2009 **e-MobiLArt, Thessalonica Biennale**, curated by Roger Malina, Nina Czegledy, Annick Bureaud, and Christiana Galanopoulou, *State Museum of Contemporary Art, Thessaloniki, GR*  
12 2006 **Intensive Science**, curated by Luc Steels, *Sony Science Museum, Tokyo*  
10 2006 **Intensive Science**, curated by Luc Steels, *Maison Rouge, Paris*  
11 2005 **Presence and Absence**, curated by Alejandro Jaimes, *ICA Singapore*  
10-12 2004 **La ville à nu / The naked city: Archilab 2004**, curated by Bart Lootsma, *Orléans, FR*  
01 2004 **MAK NITE**, curated by Lee Rodney, *MAK Museum of Applied Arts Vienna*

- 01 2004 **MEDIA IN SPACE: 17.** Stuttgarter Filmwinter: Festival for Expanded Media, Stuttgart, DE
- 10 2003 *Uzume*, part of the **Ars Electronica CAVE Art collection**, Ars Electronica Center, Linz, AT
- 09 2003 **CODE - The Language of Our Time: Ars Electronica Festival 2003**, Ars Electronica Center, Linz, AT
- 03 2003 **Version > 03 :: Digital Arts Convergence**, Festival of Digital Media Arts, Museum of Contemporary Art Chicago, IL
- 12 02–01 03 **Black Cube: platform for media art**, Badenwürttembergische Kunstverein Stuttgart
- 07 2002 **SIGGRAPH 2002: Art Gallery**, San Antonio, TX
- 11 2001 **Female Century—New Polarities: Mediarama 2001**, curated by Pedro Pinzolas, Sevilla
- 10 2001 **New Media Aesthetic: Alternate Currents: Chicago Artists' Month 2001**  
Electronic Visualization Laboratory, UIC, Chicago, IL
- 09 2001 *Alive On the Grid at Takeover: Ars Electronica Festival 2001*, Ars Electronica Center, Linz, AT; Advanced Visualization Laboratory, Indianapolis, ID; C3 Center for Culture & Communication, Budapest; Interactive Institute, Umea, SE
- 06–07 2001 **The Adventure of CAVE**, cur. by Dan Sandin, NTT InterCommunication Center [ICC], Tokyo
- 10 1998 **10 Jahre Haus der Architektur**, curated by Manuela Hötzl, Haus der Architektur, Graz, AT
- 07–09 1997 **Vitrine Generali Foundation**, Generali Foundation Vienna
- 09–10 1996 **Labyrinth**, European Capital of Culture Copenhagen '96

#### SCHOLARLY PUBLICATIONS

##### BOOK CHAPTERS

- 2021 Gemeinboeck, P. and Saunders, R. “*Encounters at the Fringe: A Relational Approach to Human-robot Interaction*”. In C. Vear, L. Candy, E. Edmonds (eds.) *Routledge Handbook of Practice-Based Research*.
- 2019 Gemeinboeck, P. “Dancing with the Nonhuman”. In J. Bennett and M. Zournazi (eds.) *Thinking in the World*, London: Bloomsbury Academic, 150–169
- 2017 Brown, S. and Gemeinboeck P., “Sensory Conversation: An Interactive Environment to Augment Social Communication in Autistic Children”. In *Assistive Augmentation*. Cognitive Science and Technology Series, Springer, 131–150
- 2017 Mandl, S. and Gemeinboeck, P., “The Resonance of the Document: Material Exchange, Assemblage, and the Productive Archive.” In *Leonardo Electronic Almanac* 22, no. 1, edited by Lanfranco Aceti, Paul Thomas, and Edward Colless. Cambridge, MA: LEA / MIT Press
- 2016 Gemeinboeck, P. and Saunders, R., “The Performance of Creative Machines”. In J.T.K.V. Koh, B.J. Dunstan, D. Silvera-Tawil, M. Velonaki (eds.) *Cultural Robotics. First International Workshop, CR 2015, Held as Part of IEEE RO-MAN 2015, Kobe, Japan, August 31, 2015. Revised Selected Papers*. Springer International Publishing, 159–172
- 2016 Gemeinboeck, P. and Saunders, R., “Towards Socializing Non-anthropomorphic Robots by Harnessing Dancers’ Kinesthetic Awareness”. In *Cultural Robotics*. Springer International Publishing, 85–97
- 2014 Bown, O., Gemeinboeck, P., and Saunders, R., “The machine as autonomous performer”. In L. Candy and S. Ferguson (eds) *Interactive Experience in the Digital Age. Evaluating New Art Practice*. Heidelberg: Springer Series on Cultural Computing, 75–90
- 2013 Gemeinboeck, P. and Saunders, R., “Inventing cultural machines”. In A. Dong, J. Conomos and B. Buckley (eds) *Ecologies of Invention*. Sydney: University of Sydney Press, 37–46.
- 2009 Tanaka, A. and Gemeinboeck, P., “Net\_Dérive: Conceiving and Producing a Locative Media Artwork”. In Goggin, G. and Hjorth, L. (eds.) *Mobile Technologies: From Telecommunications to Media*. London: Routledge, 174–186
- 2004 Gemeinboeck, P., “Un element tiers, autre—Something Third”, Other. In Lootsma, B. (ed.) *La ville à nu / The naked city. Archilab 2004*. Orléans: Editions Hyx, 235–241

- 2003 Gemeinboeck, P., “Constructing Shadows in Cyberspace”. In Mörtenböck, P. and Mooshammer, H. (eds.) *Visuelle Kultur. Körper - Räume - Medien*. Wien: Böhlau, 191-210
- JOURNAL ARTICLES
- 2022 Gemeinboeck, P., “Difference-in-relation: Diffracting human-robot encounters”. In *Matter: Journal of New Materialist Research*, Vol. 3, no. 1, doi:10.1344/jnmr.v3i1.38958
- 2021 Gemeinboeck, P., Saunders, R. “Moving beyond the mirror: relational and performative meaning making in human–robot communication”. In *AI & Society*, <https://doi.org/10.1007/s00146-021-01212-1>.
- 2021 Gemeinboeck, P. “The Aesthetics of Encounter: A Relational-Performative Design Approach to Human-Robot Interaction”. In *Frontiers in Robotics and AI*, Vol. 7, <https://www.frontiersin.org/article/10.3389/frobt.2020.577900>
- 2019 Gemeinboeck, P. “Entanglements with the Nonhuman”. In Louis-José Lestocart (ed.) *Série LINKs 1-2. Le virtuel et la biologie*, CNRS Editions Alpha
- 2017 Gemeinboeck, P., “Creative Robotics: Rethinking Human Machine Configurations: Introduction”. In P. Gemeinboeck, E. Knox, J. Bennett, A. Murphie (eds.) *Creative Robotics: Rethinking Human Machine Configurations*, special issue of *The Fibreculture Journal*, Open Humanities Press, <http://twentyeight.fibreculturejournal.org>
- 2017 Mandl, S. and Gemeinboeck, P. “The Resonance of the Document: Material Exchange, Assemblage, and the Productive Archive”. In L. Aceti, P. Thomas and E. Colless (eds.) *Leonardo Electronic Almanac 22:1*. Cambridge, MA: LEA / MIT Press. Available online at: <https://contemporaryarts.mit.edu/pub/resonanceofthedocument>
- 2011 Gemeinboeck, P., Saunders, R., “Other Ways Of Knowing: Embodied Investigations of the Unstable, Slippery and Incomplete”. In *The Fibreculture Journal*, A. Mackenzie, A. Murphie, M. Whitelaw (eds.) Special Issue *Trans – Transversals, Transduction, Transmateriality*, <http://eighteen.fibreculturejournal.org>
- 2011 Gemeinboeck, P., Saunders, R., “Urban Fictions: A Critical Reflection on Locative Art and Performative Geographies”. In *Digital Creativity, Special Issue Mobile Ubiquity Effects: Communication, Gaming, and Innovation*. London: Routledge
- 2010 Gemeinboeck, P., Traenkle, M., Dement, L., PRINZGAU/podgorschek, Saunders, R., “On Track: A slippery Mechanic-Robotic Performance”. In *Leonardo: Journal of the International Society for the Arts, Sciences and Technology*, Cambridge, MA: MIT Press
- 2009 Veronesi, F., Gemeinboeck, P., “Disembodied Landscapes”. In *Performance Research*, special issue *Transplantations 4(4)*, London & New York: Routledge/ Taylor & Francis.
- 2009 Veronesi, F., Gemeinboeck, P., “Mapping Footprints: A Sonic Walkthrough of Landscapes and Cultures”. *Convergence: The International Journal of Research into New Media Technologies*, special issue *Cultural Memory and Digital Preservation 15(3)*
- 2007 Veronesi, F., Gemeinboeck, P., “Encountering space, places and memories in Australian landscapes”. *Mapping Media. Media International Australia 124*
- 2005 Gemeinboeck, P., Blach, R., “Spacing the Boundary: An Exploration of Perforated Virtual Spaces”. In *Space, Place and Technology. Presence in Mediated Experiences. PsychNology Journal 3(1)*
- 2004 Gemeinboeck, P. “Negotiating the In-Between: Space, Body and the Condition of the Virtual”. In *Crossings Electronic Journal of Art and Technology 4(1)*, University of Dublin,
- 2004 Gemeinboeck, P. Virtual Reality: “Space of Negotiation”. In *Visual Studies Journal 19*, London: Routledge.
- 2003 Gemeinboeck, P., “Something Third, Other”. In *M/C - journal of media and culture*, special edition *FIBRE*, <http://www.fibreculture.org>

REFEREED CONFERENCE PAPERS

- 2019 Saunders, R. and Gemeinboeck, P. “Embodied Artificial Creativity” (accepted). In *International conference on computational and cognitive models of creative design* (HI19), Heron Island, Queensland, AU, 15–18 Dec. 2019.
- 2019 Gemeinboeck, P. and Saunders, R. “More than an Object” (Keynote). At *Performing Robots Conference 2019*, Utrecht University and SPRING Performing Arts, Utrecht, NL, 23–25 May 2019.
- 2019 Gemeinboeck, P. and Saunders, R. “Exploring Social Co-Presence through Movement in Human-Robot Encounters”. In *Proc. of the Artificial Intelligence and the Simulation of Behaviour Symposium (AISB 2019)*, Falmouth University, UK, 16-18 April 2019.
- 2018 Gemeinboeck, P. and Saunders, R. “Human-Robot Kinesthetics: Mediating Kinesthetic Experience for Designing Affective Non-humanlike Social Robots. In *Proc. of the 27th IEEE International Conference on Robot and Human Interactive Communication (RO-MAN) 2018*, Nanjing, China, 27–31 August 2018.
- 2018 Saunders, R. and Gemeinboeck, P., “Performative Body Mapping for Designing Expressive Robots. In *9th International Conference on Computational Creativity*, University of Salamanca, ES, 25-29 June 2018.
- 2017 Gemeinboeck, P. and Saunders R., “Movement Matters: How a Robot Becomes Body”. In *MOCO '17 Proceedings of the 4th International Conference on Movement Computing*. London, U.K. June 28 - 30, 2017. New York, NY: ACM Press
- 2017 Design Research Framework for Participatory Feedback from Autistic Children”. In *Proceedings of the 28th Australian Conference on Computer-Human Interaction*. New York, NY: ACM Press
- 2016 Gemeinboeck, P., “Disturbingly Social”, paper presentation at *4S/EASST. Science & technology by other means: Exploring collectives, spaces and futures*, Barcelona (extended abstract peer-reviewed; unpublished)
- 2015 Tillman D.T., Velonaki, M., Gemeinboeck P., “Authenticating experience: Curating digital interactive art”. In *TEI 2015 - Proceedings of the 9th International Conference on Tangible, Embedded, and Embodied Interaction*. Stanford University
- 2014 Gemeinboeck, P. and Saunders R., “Towards a performative body mapping approach”. In *Proceedings of the 3rd International Symposium on New Frontiers in Human-Robot Interaction*, 3-4 April, Goldsmiths, University of London
- 2014 Saunders, R. and Gemeinboeck, P., “Accomplice: Creative robotics and embodied computational creativity”. In *Proceedings of the Artificial Intelligence and the Simulation of Behaviour Symposium (AISB)*, 1-4 April, Goldsmiths, University of London
- 2013 Gemeinboeck, P. and Saunders, R., “Creative machine performance: Computational creativity and robotic art”. In M.L. Maher, T. Veale, R. Saunders and O. Bown (eds) *Proceedings of the 4th International Conference on Computational Creativity*. University of Sydney
- 2013 Saunders, R., Chee, E. and Gemeinboeck, P., “Evaluating human–robot interaction with embodied creative systems”. In M.L. Maher, T. Veale, R. Saunders and O. Bown (eds) *Proceedings of the 4th International Conference on Computational Creativity*. Sydney University
- 2013 Kocaballi, A. B., Gemeinboeck, P., Saunders, R., Dong, A. and Loke, L., “Interplay of scripts and resistance in a participatory workshop”. In K. Cleland, L. Fisher and R. Harley (eds) *Proceedings of the 19th International Symposium of Electronic Art (ISEA2013)*, Sydney
- 2012 Kocaballi, A. B., Gemeinboeck, P., Saunders, R., Dong, A. and Loke, L., “Transformations, enactments, and distrust in promoting multiplicity in design process”. In *Proceedings of the Participatory Innovation Conference (PIN-C2012)*, Melbourne
- 2011 Gemeinboeck, P., Saunders, R., “Rethinking machine agency: from cybernetic to robotic art”. Presented at *Rewire: Fourth International Conference on the Histories of Media Art, Science and Technology*, FACT, Liverpool, 28-30 September, 2011
- 2011 Gemeinboeck, P., Saunders, R., “Material matters: machine agency and performativity”. In *Proceedings of the 17th International Symposium on Electronic Art*, Istanbul, 14-21 Sept. 2011

- 2010 Gemeinboeck, P. and Saunders, R., "Zwischenräume: The Machine as Voyeur". In *New Imaging: transdisciplinary strategies for art beyond the new media. 1<sup>st</sup> International Conference on Transdisciplinary Imaging at the Intersections between Art, Science and Culture*. Artspace Sydney, 5–6 November 2010
- 2009 Gemeinboeck, P., "Negotiating the In-Between: When Machine-Agents become Co-Performers". In *Proceedings of Time . Transcendence . Performance*, Monash University, Melbourne, 1-3 October 2009
- 2009 Gemeinboeck, P., Dement, L., PRINZGAU/podgorschek, Traenkle, M., "Perforating and Leaking: The Production of the Collaborative, Performative Work ON TRACK". In *SEAM 2009, Critical Path*, Sydney, 17-19 September 2009
- 2007 Gemeinboeck, P., Dong, A., Veronesi, F., "Who Writes The City?". In *Mobile Media'07: Proceedings of an international conference on social and cultural aspects of mobile phones, convergent media, and wireless technologies*, The University of Sydney
- 2006 Gemeinboeck, P., Tanaka, A., Dong, A., "Instant Archaeologies: Digital Lenses to Probe and to Perforate the Urban Fabric". In *ACM Multimedia 2006 Proceedings*, Santa Barbara
- 2006 Tanaka, A., Gemeinboeck, P., "A Framework for Spatial Interaction and Locative Media". In *Proceedings of NIME 06: 6th International conference on New Interfaces for Musical Expression*, Ircam – Centre Pompidou, Paris
- 2006 Gemeinboeck, P., Dong, A., "Discourses of Intervention: A Language for Art & Science Collaboration". In *International Conference New Constellations: Art, Science and Society*, Museum of Contemporary Art Sydney
- 2005 Gemeinboeck, P., "Impossible Geographies of Belonging". In *ACM Multimedia 2005 [MM'05] Proceedings*, Singapore, Nov. 2005
- 2005 Gemeinboeck, P., "Constituting, Traversing and Perforating Boundaries: Embodied Interaction in Immersive Virtual Spaces". In *5th Creativity and Cognition Conference Proceedings*, Goldsmiths College, University of London
- EXHIBITION CATALOGUES / OTHER
- 2015 Gemeinboeck, P. and Saunders, R., 2015, "Accomplice". In Fan Di'an and Zhang Ga (eds.) *thingworld: International Triennial of New Media Art*, published by NAMOC and The Liverpool University Press, distributed by Oxford University Press.
- 2014 Gemeinboeck, P. and Saunders, R., "Participate, negotiate or spectate: will robotics change our relationship with gaming". Presented at *Open Playground: The Future of Gaming Conference*, FACT Liverpool, 26 March 2014.
- 2011 Gemeinboeck, P. and Saunders, R. "Urban Fiction 2.0". In *Love Lace*, exhibition catalogue, Powerhouse Museum Sydney
- 2009 Gemeinboeck, P., 2009. "Urban Fiction: Between Map and Landscape". Presented at the *15th International Symposium on Electronic Art*, University of Ulster, Belfast, 26 - 29 Aug. 2009
- 2009 Dement, L., Gemeinboeck, P., PRINZGAU/podgorschek, Traenkle M., "On Track". In *e-MobiLArt*, exhibition catalogue, Skordopoulous Printing
- 2007 Gemeinboeck, P. and Saunders, R., "Urban Fictions". Presentation at *Ecosystemics: ecosystem dynamics for electronic media*, Monash University, Melbourne
- 2006 Gemeinboeck, P., Tanaka, A., "Concepts in Locative Media: Instrumental and Theoretical Considerations in the Design of a Framework" At *ISEA 2006 Symposium*, San Jose, CA.
- 2006 Gemeinboeck, P., "Chinese Whispers and Maya - Veil of Illusion". In Franz Fischnaller (ed.) *E-Art*. Special edition, Editori Riuniti, Rome/Italy
- 2006 Gemeinboeck, P., "Impossible Geographies: Archaeology of the Instant". In *Intensive Science*, exhibition catalogue, Sony CSL Paris, Nov. 2006
- 2003 Gemeinboeck, P., "Uzume". In *Language of Our Time: Ars Electronica 2003*, Hatje Cantz
- 09 2002 Roundtable *L'imaginaire d'artiste* with Christa Sommerer and Laurent Mignonon  
Centre des Arts Enghien, Enghien-les-Bains at Paris
- 2002 Gemeinboeck, P., "Uzume". In *SIGGRAPH 2002*, San Antonio, TX, Art Gallery, ACM Press

- 2001 Gemeinboeck, P., "Uzume". In *Mediarama 2001: Female Century - New Polarities*, CD-Rom  
 2001 Gemeinboeck, P., Tremonti, J., "Excavation". In *Takeover: Ars Electronica 2001*, Hatje Cantz

COMPETITIVE GRANTS

- 2019 Australian Research Council (ARC), Future Fellowship, "Human-Robot Experience" (FT190100567, 2020-24), amount: 937,443 AUD
- 2019 FWF Austrian Science Fund, Programme for Arts-based Research (PEEK), "Dancing with the Nonhuman: An Aesthetics of Encounter" (AR545, 2019-22), *Principal Investigator*, amount: 364,000 EUR.
- 2018 Conseil des arts et des lettres du Québec (CAN), "Machine learning and artificial intelligence for creation" (2018-19), *Partner Investigator*, amount: 90,000 CAD
- 2017 Azkuna Zentroa, Bilbao, ES, commission for developing *Accomplice [36-4-BIO]* for "...and the things we do, Prototipoak Biennial", amount: 10,000 EUR
- 2016 Australia Research Council (ARC) Linkage Infrastructure, Equipment and Facilities Grant (LE170100066, 2017-18), "Embodied Movement Network", *Chief Investigator*, amount: 350,000 AUD
- 2015 Australia Research Council (ARC) Discovery Project Grant (DP160104706, 2016-18), "Performative Body-Mapping (PBM): a new method towards socialising non-humanlike robots", *Principal Investigator*, amount: 244,942 AUD
- 2014 UNSW Goldstar Award (for Research), University of New South Wales, *Principal Investigator*, amount: 30,000 AUD
- 2013 UNSW Major Research Equipment and Infrastructure Initiative Scheme (MREII), "Tormach PCNC 1100 CNC mill for prototyping and short run production of robot components and metal objects", University of NSW, *Principal Investigator*, amount: 71,561 AUD
- 2013 Faculty Research Grant, University of New South Wales, *Principal Investigator*
- 2012 Inter-Arts Project Grant, Australia Council for the Arts, "Creative Research and Development of Installation *Accomplice*", amount: 19,120 AUD, *Principal Investigator*
- 2012 National Association for the Visual Arts (NAVA) NSW Artists' Grant, *Principal Investigator*
- 2010 Inter-Arts Project Grant, Australia Council for the Arts, "On Track—Loss of Transmission", *Principal Investigator*, amount: 17,430 AUD
- 2010 New Work Grant, Media Arts Board, Austrian Federal Ministry for Education, the Arts and Culture, "Zwischenräume", *Principal Investigator*, amount: 5,000 EUR
- 2009 Faculty Research Grant, University of New South Wales, *Principal Investigator*
- National Association for the Visual Arts (NAVA) Marketing Grant, *Principal Investigator*
- 2008 New Work Grant, Medienkunstbeirat (Media Arts Board), Austrian Federal Ministry for Education, the Arts and Culture, "On Track", *Principal Investigator*, amount: 4,500 EUR
- 2008 Travel Grant, Medienkunstbeirat (Media Arts Board), Austrian Federal Ministry for Education, the Arts and Culture, amount: 1,500 EUR
- 2008 Australian Network for Art & Technology (ANAT) Professional Development Travel Grant
- 2008 Teaching Infrastructure and Equipment Scheme (TIES) Grant, University of Sydney
- 2007 Research-enhanced Teaching and Learning Grant, University of Sydney
- 2004-05 Research and Development grant, University of Sydney, *Principal Investigator*
- 2000-01 University Fellowship, University of Illinois at Chicago
- 2000 Research Scholarship, Emanuel und Sofie Fohn-StipendienStiftung, *Principal Investigator*, amount: 3,000 EUR
- 2000 Scholarship 'Tische Program', Federal Chancellery Austria: Section for Artistic Affairs

AWARDS

- 2012 *National New Media Art Award 2012*, finalist, Gallery of Modern Art (GoMA), Brisbane, AU  
2011 *International Lace Award 2011*, finalist, Powerhouse Museum Sydney  
2011 *Honorary Mention*, Digital Turku, FI, European Capital of Culture, Live 2011 Grand Prix  
2008–09 *e-MobiLArt*, selected participant, funded by the EU CULTURE 2007 Programme  
2005 MAK Schindler Scholarship Program 2005/6, Los Angeles, recognition award  
1999 First prize, category 'Visions and Future Task,' *3rd International Competition for Textile Architecture*, Textile Architecture Group, Frankfurt

ARTIST IN RESIDENCE / VISITING ARTIST

- 2012 Ars Electronica Futurelab, Linz, AT  
2012 Cité Internationale des Arts, Paris  
2010 Artspace Sydney  
2010 Bundanon Trust, NSW  
2010 University of Applied Arts Vienna, Media Art Department  
2009 Digital Culture Space, MuseumsQuartier Vienna  
2006 Sony Computer Science Lab, Paris  
2005 'Do While' New Media Art, Boston, MA  
1999-2000 Competence Centre Virtual Environments (CCVE), IAO Fraunhofer Stuttgart, Germany

INVITED TALKS

- 2000–2019 Vrije Universiteit Brussel || Ensad Lab, École Nationale Supérieure des Arts Décoratifs Paris  
|| Plymouth University, UK || University of Utrecht, NL || City of Melbourne: Arts Futures, AU  
|| Ars Electronica Futurelab, Linz, AT || Central Academy of Fine Arts, Beijing, CN ||  
Centre des Arts Enghien, Paris, FR || Electronic Visualization Lab, University Of Illinois at  
Chicago, IL || Gallery of Modern Art, Brisbane, AU || Goldsmiths, University of London,  
UK || Royal Australian Institute of Architects (RAIA), Sydney, AU || Medienkunst, University  
for Applied Arts Vienna, AT || Interface Cultures, University of Art and Design, Linz, AT ||  
Faculty of Architecture, University of Stuttgart, DE || Digital Culture, University of Sydney,  
AU || Visual Culture, Vienna University of Technology, AT.

BIBLIOGRAPHY / REVIEWS (SELECTION)

- 2014 Lau, Venus, "Thingworld", *Artforum International* 53(3)  
Régine Debatty, "Science Fiction: New Death", *We Make Money Not Art*, [http://we-make-money-not-art.com/science\\_fiction\\_new\\_death/](http://we-make-money-not-art.com/science_fiction_new_death/), 23/04/2014  
Stu Roberts, "Artificial intelligence robots systematically destroy wall in the name of art", *Gizmag*, 05/04/2014  
Michael Burke, "Exhibition: Science – New Death", *Tusk Journal*, 01/04/2014  
Ana Gabriela Gaona, "Robots inteligentes destruyen arte en nombre de la autonomía", *Mediatelecom* 07/04/2014  
C James Fagan, "Science Fiction: New Death—Reviewed", *The Double Negative*, 10/04/ 2014



- 2013 Sinead Nunes, "Science Fiction – New Death, FACT", Corridor8, 14 May 2014  
 Andrew Frost, "Resistance is futile as ISEA2013 celebrates digital art in Sydney", *The Guardian Australia*, 11/06/2013  
 Prue Gibson, Reviews, *Artlink* 33(3), p. 92  
 Keith Gallasch, "The uncanny in the gallery", *RealTime Arts Magazine*, 11/06/2013  
 Sharne Wolff, "Accomplice", *Art Life*, 10/05/2013  
 Mike Leggett, "realtime tv @ ISEA2013: Velonaki, Ingram, Gemeinboeck & Saunders, Artspace", interview, *RealTime Arts*: vimeo.com/67536071  
 "Accomplice", *The Brag* 511
- 2012 Roberta Bosco and Stefano Caldana "En ocasiones veo hombres" (Sometimes I see men), *EL PAIS*, 31/05/2012
- 2012 Lindie Ward, "Openwork Patterns", *Artlink: Contemporary art of Australia and the Asia-Pacific* 32(1)
- 2011 Margot Molina, "Un baño de virtualidad", *EL PAIS*, Sevilla, 22/11/2011
- 2010 Manuela Hötzl, "Petra Gemeinböck's Architektonischer Aktivismus", *Architekturtheorie Magazin*, www.architekturtheorie.eu
- 2007 Anna Munster, "The thought provoking jolt: Anna Munster explores Petra Gemeinboeck's impossible geographies", *RealTime Arts Magazine* 82
- 2006 Christophe Kihm, Extensions, "Derivations", *Intensive Science*, Sony CSL Paris
- 2005 Cate McQuaid, "Year brought prolific creativity, cultivated and raw", *The Boston Globe*, 30/12
- 2005 Cate McQuaid, 'Interactive work evokes complex memories', *The Boston Globe*, 12/08/2005
- 2004 Manuela Hötzl, "Whirl Room: Petra Gemeinboeck's CAVE installation at Ars Electronica", *spike art quarterly* 1(1), Vienna
- 2003 Manuela Hötzl, "The real virtuality: No cyberspace without a body. Petra Gemeinboeck's CAVE installation at Ars Electronica in Linz.", *ARCHIS* #6, Rotterdam
- 2003 "Tanz hinter sieben Codes", interview with Manuela Hoetzl, *Architektur & Bauforum Magazine* 18, Österreichischer Wirtschaftsverlag, Vienna
- 2003 interview in documentary of CODE - The Language of Our Time: Ars Electronica 2003, *Austrian TV Broadcasting Corporation: ORF2*, 28/29 September 2003
- 2003 "Experiment K", Multimedia CD-ROM, limited edition, *NTV Televison Channel*, Moscow
- 2003 interview with Manuela Hoetzl, *Radio Orange, contemporary art culture program*, Vienna
- 2003 Peter Mörtenböck, "Skriptlose Raeume: Architekturen des Cyberspace", Flagge, I. (ed.): *Architektur und Wahrnehmung. Jahrbuch Licht und Architektur 2003*, Deutsches Architekturmuseum (DAM) Frankfurt, DE
- 2003 "Uzume", interview, *Pixel Magazine* 2(3), Paris
- 2003 Marie Lechner, "Uzume, miroir déformant", *Libération, rubric Numériques*, 17/01/2003, Paris
- 2002 interview in Documentos Mediarama series no. 9: Real time (director: Pedro Pinzolas), Canal 2 Andalucía broadcast, Spain, September 2002
- 2002 Art Beat Chicago, *WTTW broadcast*, Chicago, May 2002
- 2001 Barbara Robertson, "Immersed in Art", *Computer Graphics World* 11(1), New York
- 2001 "Interactive Architektur", *Fachmagazin der Architektur* 3(1), Vienna

EDITORIAL / COMMITTEE MEMBER / REVIEWER / CURATORIAL (SELECTION)
--

- 2019 Chair, Symposium on "Movement That Shapes Behaviour: Rethinking how we can form relationships with non-humanlike embodied agents" (MTSB19), AISB 2019, Falmouth University, UK, 16-18 April 2019.
- 2019 Co-chair, Art exhibition & Demos, 10th International Conference on Computational Creativity (ICCC), UNC Charlotte, NC, U.S.A., 17- 21 June 2019.
- 2018 Associate editor, 27th IEEE International Conference on Robot and Human Interactive Communication (RO-MAN 2018), Special Session, Nanjing, CN

- 2017 Lead editor of *Creative Robotics: Rethinking Human-Machine Configurations*, special issue of *The Fibreculture Journal*. Full reference: Petra Gemeinboeck, Jill Bennett, Elena Knox, Andrew Murphie (eds.) *Creative Robotics*, special issue, *FCJ 23*, Open Humanities Press
- Program Committee Member
- 2011–20 International Symposium on Electronic Art (ISEA)
- 2010–14 Transdisciplinary Arts Research: Transdisciplinary Imaging Conference
- 2009 SEAM 2009, Sydney
- 2008 CGIV08, International Conference on Computer Graphics, Imaging and Visualization, USM, Penang
- 2007 perthDAC 2007: The Future of Digital Media Culture, Perth
- 2007 CAAD Futures International Conference, The University of Sydney
- 2001 International Conference on Virtual Storytelling 2001, Avignon
- Peer Reviewer
- 2017 MOCO'17, 4th International Conference on Movement Computing, Goldsmiths, London
- 2015 *Journal for Artistic Research (JAR)*, [www.jar-online.net](http://www.jar-online.net)
- 2013 *M/C Journal: A Journal of Media and Culture*, [media-culture.org.au](http://media-culture.org.au)
- 2006 *Design Studies. International Journal for Design Research in Engineering, Architecture, Products and Systems*, Elsevier Publisher
- 2004 *AI EDAM. Artificial Intelligence for Engineering Design, Analysis and Manufacturing*, Cambridge Journals
- 2004 *Journal of Architectural and Planning Research (JAPR)*, Locke Science Publishing
- Detailed Assessor
- 2018 *Australian Research Council (ARC)*, Discovery Scheme
- 2015 *Leverhulme Trust*, UK, Research Project Grants Scheme
- Curatorial
- 2005–2008 Advisory Committee member, Tin Sheds Gallery, Sydney
- 2003 Jury member, RaumFrames, short film competition, 16<sup>th</sup> Stuttgarter Filmwinter