

CURRICULUM VITÆ

Philip Beesley

RCA FRAIC B.Arch. Dip. Tech. B.F.A.



Link to Video: Philip Beesley Introduction Video, 2024, [6:34mins]

Artist Philip Beesley Studio

University Professor Emeritus School of Architecture, University of Waterloo

Professor Digital Design and Architecture & Urbanism, The European Graduate School

Director Living Architecture Systems Group

Director Riverside Architectural Press

Refer to livingarchitecturesystems.com, philipbeesleystudioinc.com, and riversidearchitecturalpress.ca for documentation of works.

EDUCATION

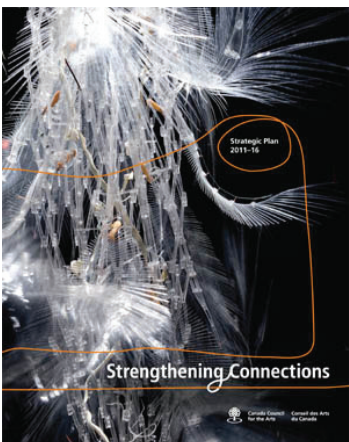
- 2015-19 European Graduate School Ph.D. seminars
- 2006 Foundation studies, Wat Pah Nanachat, Ubon Ratchathani, Thailand
- 1996-97 Prix de Rome residency: Vatican, British School at Rome, American Academy at Rome
- 1981-86 Bachelor of Architecture, University of Toronto
- 1981 Dip. Tech., Architectural and Mechanical Drafting, Humber College, Toronto
- 1980 Anatheological Studies, Wegiriya Monastery, Sri Lanka
- 1973-78 Bachelor of Fine Art, Queen's University, Kingston
- 1973 Falmouth School of Art, Cornwall

AWARDS AND DISTINCTIONS

- 2024 **ACADIA Design Excellence Award**
- 2023 **SSHRC Impact Award Finalist, Living Architecture Systems Group** SSHRC Partnership, Social Sciences and Humanities Research Council of Canada
- 2016 **STARTS Prize 2016, Grand Prize**, European Commission, Ars Electronica, Magnetic Motion: Iris van Herpen in collaboration with Philip Beesley
- 2015 **Azure AZ Award** Temporary/Demonstration Architecture Category for Epiphyte Chamber
- 2011 **Katerva** Sustainability Initiative of the Year Finalist, Urban Design
- 2011 **RAIC Award of Excellence** North House: Responsive Envelope System (for Practice of Architecture)
- 2011 **ACADIA Award** for Emerging Digital Practice
- 2011 **Member, Royal Canadian Academy of Arts**
- 2011 **RAIC Award of Excellence for Allied Arts**
- 2010 **Canada Representative, Canadian Pavilion** 2010 Venice Biennale for Architecture
- 2009 **11th VIDA Competition for Art and Artificial Life** Fundación Telefónica, First Place for Hylozoic Soil
- 2008 **Far Eastern International Digital Architecture Award (FEIDAD)** Design Merit Award
- 2002 **Dora Mavor Moore** awards for **Outstanding Stage Design** and **Outstanding Lighting Design, Independent Theatre Division**, for *The Girl With No Door On Her Mouth*, with Dereck Revington and Jim Ruxton, Theatre Passe Muraille
- 1998 **Governor General's Award** Royal Architectural Institute of Canada, for York University Student Centre (A. J. Diamond, Donald Schmitt & Co)
- 1995-96 **Prix de Rome in Architecture** (Canada)
- 1986 **Lieutenant Governor's Medal for Architecture** Ontario, B. Arch *summa cum laude*
- 1978 **Andre Bieler Award** B. F. A. *summa cum laude*



Strategic Directions 5 Year Plan, University of Waterloo, 2018-23



Strengthening Connections: Strategic Plan 2011-2016, Canada Council for the Arts, 2010



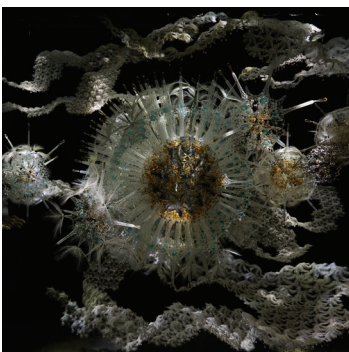
Aria: Sentient Constellation, TU Delft Science Centre, Netherlands, 2025



Constellation, Beijing Art, Science and Technology Biennale, 798CUBE, 2025.



Voltage Dress with Living Shadow, Iris Van Herpen Sculpting the Senses, Iris Van Herpen & Philip Beesley, 2013 & 2024



Threshold Nest, Norman Y Mineta San José International Airport, San José, 2022

ARTISTIC WORKS

SELECT SOLO AND GROUP SCULPTURES, FILMS AND ENVIRONMENTS

158 Solo and Group Sculpture Exhibitions, Films and Environments, 1982-2025

- 2025 **Aria: Sentient Constellation**, collaborative light, interactive sculpture, sound, motion orchestration, living shadows, TU Delft Science Centre, Delft, Netherlands, permanent immersive installation, February 2025
- 2025 **When the World Began**, inaugural performance within Aria immersive installation, TU Delft Science Centre, Delft, Netherlands, February, October 2025
- 2025 **Living Shadows**, responsive generative augmented reality projections within Aria immersive installation, TU Delft Science Centre, Delft, Netherlands, February, October 2025
- 2025 **Constellation**, Beijing Art, Science and Technology Biennale, 798CUBE, Beijing, January - June
- 2024 **Shadows and Whispers**, collaborative light and motion performance installation, Domaine de Boibuchet, Lessac, France, August 2024
- 2023-26 **Living Shadows, Noogenesis, Liquid Ghost, Coral Cells, Atelier Design Retrospective**, and multiple **Dresses**, within "Iris van Herpen: Sculpting the Senses", Musee des Arts Decoratifs, Paris, November 2023-April 2024; Queensland Art Gallery, Brisbane, June-December 2025; Marina Bay Sands, Singapore, March-August 2025; Kunsthal Rotterdam, Rotterdam, September 2025-March 2026.
- 2024 **States of Matter**, renewed interactive performance series within Meander immersive environment, Edo van Breemen collaboration, Tapestry Hall, Cambridge ON, weekly events January-April 2024
- 2023 **States of Matter**, inaugural performance within Meander immersive environment, Edo van Breemen collaboration, Tapestry Hall, Cambridge ON, July 27'23
- 2023-24 **Poietic Veil Tilburg** and **Lucid Dream**, within "Is It Alive?", TextielMuseum, Tilburg, Netherlands, October 2023 - April 2024.
- 2023 **Architectonics**, couture collection by Iris van Herpen, Paris Fashion Week July 5'23, Philip Beesley engineered fabric contributions, Dutch Embassy, Paris
- 2022-23 **Grove**, Hong Kong Design Institute, Hong Kong, December 2022 – April 2023
- 2022-23 **Grove Moko Jumbie**, Composite immersive photo-project, with Ishmil Waterman and Michael Lee Poy, online LASG release, OCADU gallery 2023
- 2022-23 **Poietic Veil**, TU Delft Science Centre, Delft, Netherlands, Nov 2022 – Feb 2023
- 2022 **Ar Froot Reef** Ar Froot Castle, Carantec, France, permanent installation.
- 2022 **Meta Morphosis**, Iris van Herpen 2022 Collection Paris Fashion Week/15-year Celebration, January 2022
- 2021 **Living Architecture Systems**, UQAM, Quebec City, November 2021
- 2021 **Meander**, film excerpt in Canada Pavilion, Dubai World Expo, October 2021-March 2022
- 2021 **Cradle** Online, Philip Beesley, Warren du Preez, Nick Thornton Jones and Salvador Breed, Film and Sound environment
- 2021 **Cradle** within **BigArtTO**, Richmond-Adelaide Centre, Toronto, November 23-28
- 2021 **Threshold** including **Shower** and **Well**, San José Airport, California, permanent sculpture
- 2021 **Superbloom**, for Emancipation Month Toronto, City of Toronto commission, film in collaboration with Hyghly Alleyne and Michael Lee Poy
- 2021 **Grove** Venice Biennale, Venice, Italy, May 22 – November 21
- 2021 **Cradle** within **Future Parliament** Venice Biennale, Venice, Italy, May 22 – November 21
- 2020 **Gaslight Meander** Cambridge, ON, Canada, immersive testbed, permanent.
- 2019-24 **Futurium Noosphere** Futurium, Berlin, Germany, September 2019 – 2024
- 2018 **Sagmeister & Walsh: Beauty** Museum of Applied Arts, Vienna, October 2018– April 2019; Museum Angewandte Kunst, Frankfurt, May - September 2019; Museum für Kunst und Gewerbe Hamburg, December 2019 - April 2020.
- 2018 **Radiant Soil**, Daejeon Biennale 2018, Daejeon Museum of Art, South Korea, July – October.
- 2018 **Transforming Space, Aegis / Noosphere**, Royal Ontario Museum, Toronto, June - October.
- 2018 **Amatria**, Luddy Hall, Indiana University, Bloomington, Indiana, permanent installation.
- 2017 **Aeriform** Paris Fashion Week, Atelier Iris van Herpen, Cirque d'Hiver Bouglione, Automm/ Winter 2018 Haute Couture, collaboration with Iris van Herpen



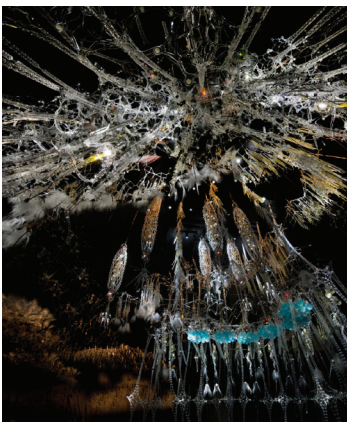
Grove, Venice Biennale for Architecture, 2021



Meander, Tapestry Hall, Cambridge, 2020

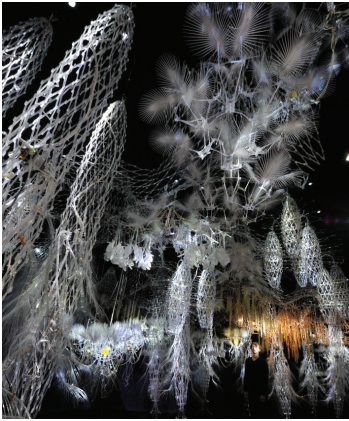


Shadows and Whispers workshop, Living Architecture Systems Group & Domaine de Boisbuchet, Lessac, 2022



Epiphyte Veil, Museum of Modern & Contemporary Art, Seoul, Korea, 2013

- 2017 **Responsive Veil** Myers School of Art, Akron University, Akron, OH, collaboration with Myers School of Art students
- 2017 **Sentient Veil** Listen Here: The Art of Sound, Isabella Stewart Gardner Museum, Boston, March - September:
- 2017 **Breathing Pore** Evolution, Design Exchange, Toronto
- 2017 **Between the Lines** Paris Fashion Week, Atelier Iris van Herpen, Maison des Metallos, Spring/Summer 2017 Haute Couture, collaboration with Iris van Herpen
- 2017-23 **Hylozoic Grove** in "Hello, Robot. Design Between Human and Machine", select locations: Vitra Design Museum, Weil Am Rhein, February - May, 2017, Sept 2022 – Mar 2023; Museum of Applied Arts, Vienna, June - October 2017; Museum of Art, Architecture and Technology, Lisbon, January - April 2019; Victoria and Albert Dundee, November 2019 - February 2020; Busan Centre for Art and Design, Busan, October 2021-February 2022.
- 2016 **Living Architecture Systems** ADM Gallery, Nanyang Technological University, Singapore
- 2016 **Ocean** Nuit Blanche, Toronto City Hall Rotunda
- 2015 **Sentient Chamber** Cultural Programs of the National Academy of Science, Washington DC
- 2015 **Shangdu Li Chun Long Tiao** 2015 Shanghai Urban Public Art Biennale Exhibition
- 2015 **What is Luxury?** Victoria and Albert Museum, London, Iris van Herpen with Philip Beesley collaborative work
- 2015 **Epiphyte Spring** China Academy of Art, Hangzhou
- 2014 **Near-Living Architecture: The Hylozoic Ground Collaboration** National Festival of Science, Washington DC, April.
- 2014-15 **Hylozoic Matter** in "Smart Flexibility: Advanced Materials and Technologies", Barcelona Design Week, Materfad, Barcelona, June - November 2014; RMIT University Melbourne, July - August 2015 [traveling group exhibition]
- 2013-14 **Epiphyte Chamber** National Museum of Modern and Contemporary Art, Seoul [installation]
- 2013 **Wilderness Embodied** Paris Fashion Week, Atelier Iris van Herpen, Paris, Fall/Winter 2013/14 Couture, collaboration with Iris van Herpen
- 2013 **Epiphyte Spring** Triennial of Fiber Art, Hangzhou, China [installation]
- 2013 **Epiphyte Veil** EXIT Festival (Touring), Maubeuge, Creteil, Lille [installation]
- 2013 **Hylozoic Series: Ja Natuurlijk** The Hague [film exhibition]
- 2013 **Aurora** Simons West Edmonton Mall, Edmonton [permanent acquisition]
- 2012 **Hylozoic Series: Sibyl** 2012 Biennale of Sydney, Cockatoo Island, Sydney, Catherine de Zegher & Gerald McMaster curators [installation]
- 2012 **Hylozoic Series: Vesica** City Gallery, Wellington [installation]
- 2012 **Protocell Field** DEAF Festival, Rotterdam [installation]
- 2011 **Hylozoic Veil** The Leonardo, Salt Lake City [permanent]
- 2010 **Hylozoic Ground: Hylozoic Series 8** Canadian representative to the 2010 Venice Biennale in Architecture, Venice, September - November
- 2010 **Hylozoic Soil Series 7** Laboratorio Arte Alameda/Festival de Mexico, Mexico City, April
- 2010 **Hylozoic Soil Series 6** Meduse Field, Recto-Verso/Meduse, Quebec City, February
- 2009 **Sargasso Field Series 3** Royal Danish Academy, Installation for UN Climate Summit, Copenhagen, November - December
- 2009 **Sargasso Cloud / Sargasso Field Series 2** Pluto Festival, Opwijk
- 2009 **Sargasso Field Series 1** CITA, Royal Academy of Denmark, Copenhagen, August
- 2009 **Epithelium Series 2** Ball State University, Muncie, March [permanent installation]
- 2009 **Hylozoic Soil Series 3** 2008 VIDA Awards, the Matadero, Madrid, February
- 2008 **Hylozoic Grove Series 2** Museum of the Future, Ars Electronica Centre, Linz, December [installation, acquired by AEC]
- 2008 **Epithelium Series 1** Robert Siegel Gallery, Pratt Institute, Brooklyn, December
- 2008 **Endothelium** and **Reflexive Membranes Series** "Body Art and Disease Symposium". UCLA CNSI/Broad Art Centre, November [sculpture installation, and photography series]
- 2007 **'Hylozoic Soil Work In Progress'** National Yunlin University of Science and Technology Gallery, Douliu, December [solo exhibition, sculpture and photography]
- 2006 **Implant Matrix** InterAccess Electronic Media Arts Centre, Toronto
- 2005 **Unidentified Human Remains and the True Nature of Love** Stage design, Crow's Theatre at Alexander Street Theatre, Toronto, Jim Millan dir.



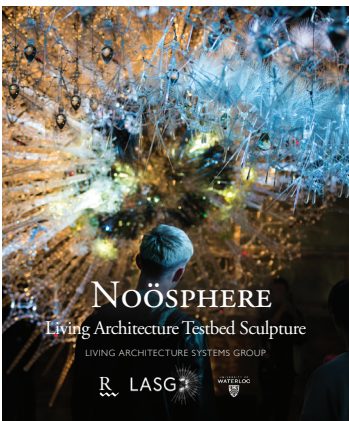
Hylozoic Ground. *Venice Biennale for Architecture, Venice, Italy, 2010*



Hylozoic Soil. *Montreal Museum of Fine Art, 2007*



Haystack Veil, *with Warren Seelig & Haystack Mountain School of Crafts, Deer Isle, Maine, U.S.A - 1997*



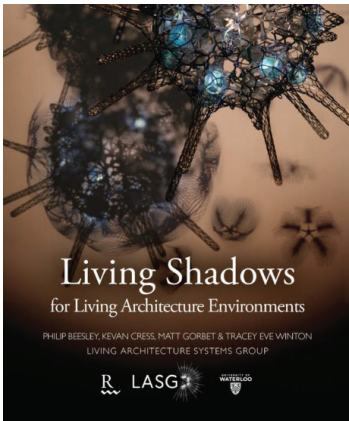
Cover of **Noosphere** by Philip Beesley & Living Architecture Systems Group, 2024

- 2005 **Cybele** Cambridge Art Gallery, University of Waterloo, Cambridge, ON
- 2004-05 **Orpheus Filter** Digital Fabricators, The Architecture Pavilion, RIBA Interbuild, Birmingham; The Building Centre Trust, London; Cambridge Art Gallery, University of Waterloo, Cambridge ON
- 2003 **Orgone Reef** University of Manitoba School of Architecture Gallery, Winnipeg [Residency/Exhibition]
- 2002 **The Girl With No Door On Her Mouth** Lighting/stage design, chamber opera at Theatre Passe Muraille, Toronto, with Derek Revington and Jim Ruxton
- 2000 **Still** Lighting design with choreographer Susanna Hood/director Philip Barker, Artword Theatre, Toronto
- 2000 **Synthetic Earth** and **ROMA XX** BCE Place Galleria, Toronto
- 2000 **Hungry Soil - Connections / Interconnections / Reconnections** Mary Black Gallery, Halifax
- 1999 **ROMA XX/Prix de Rome** Exhibit, Gallery Architettura Arte Moderna, Rome
- 1996 **Mostra di-Mostra** Istituto Europeo di Design, Milan
- 1996 **Casa Tua e Casa Mia**, American Academy in Rome, Rome [Group show]
- 1996 **Marrana Mariana**, FAAR, Cryptoporticus Gallery, American Academy in Rome, Rome
Collaboration with Peter O'Shea
- 1976-82 Numerous visual art exhibitions, Kingston sites and ANNPAC member galleries

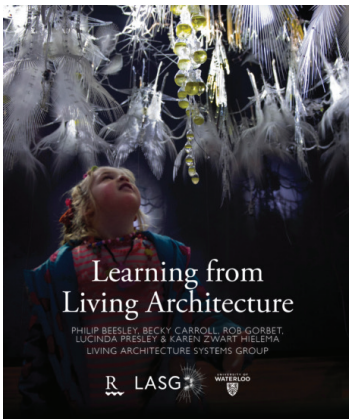
PUBLISHED WORKS

AUTHORED & EDITED BOOKS

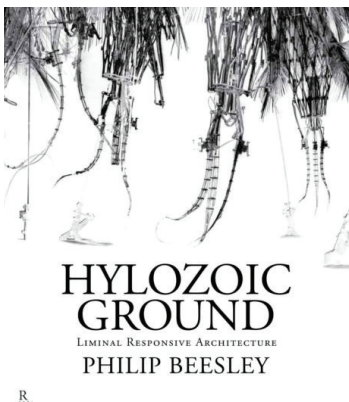
- 2024 **Ecosystem Of Exploration**, Philip Beesley, Adrian Chiu and Kevan Cress, Riverside Architectural Press/LASG Folio Series.
- 2024 **Noosphere**, Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2024 **Delft Science Centre Living Architecture Testbed Sculpture**, Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2023 **Amatria: Sentient Test-bed**, Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2023 **Living Architecture Testbeds**, Philip Beesley & Matt Gorbet, Riverside Architectural Press/LASG Folio Series.
- 2023 **Living Shadows for Living Architectural Environments**, Second Edition, Philip Beesley, Kevan Cress, Matt Gorbet & Tracey Winton, Riverside Architectural Press/LASG Folio Series.
- 2023 **Learning from Living Architecture**, Philip Beesley, Becky Carroll, Rob Gorbet, Lucinda Presley & Karen Zwart Hielema, Riverside Architectural Press/LASG Folio Series,
- 2023 **Living Architecture Systems Description: Extensible Spatial Data System for Responsive Architectural Environments**, by Kevan Cress and Timothy Boll, ed. Philip Beesley, LASG Folio Series, Riverside Architectural Press/LASG Folio Series.
- 2022 **Meander: Immersive Architecture**, Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2022 **Threshold**, Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2022 **Living Architecture Exploration Kits** series, Philip Beesley & LASG, Riverside Architectural Press/LASG Folio Series.
- 2022 **Star Hub Kit: Exploring Archimedean Polyhedra**, eds. Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2021 **New Geometric Systems:** Jekabs Zvilina and Integrative Form-Languages, eds. Philip Beesley and Bianca Weeko Martin, Riverside Architectural Press, 2021.
- 2021 **Second Land: Ground Veiling:**, ed. Philip Beesley, Riverside Architectural Press, 2021. [ebook]
- 2021 **Sounding Bodies: Experiments in Sonically Active Surfaces**, by Jonathan Tyrrell, ed. Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2020 **Archimedean Polyhedra**, Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2020 **Chevron Column** Riverview High School, Riverview New Brunswick Workshop 2020, by Philip Beesley, Riverside Architectural Press/LASG Folio Series.



Cover of *Living Shadows for Living Architecture Environments* by Philip Beesley, Kevan Cress, Matt Gorbet & Tracey Eve Winton, 2024



Cover of *Learning from Living Architecture* by Philip Beesley et al. 2023

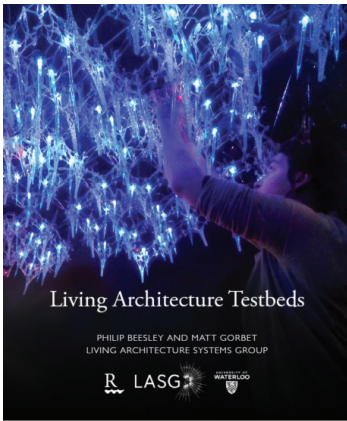


Cover of *Hylozoic Ground: Liminal Responsive Architecture* by Philip Beesley 2010

- 2020 **Meander STEAM** Ontario Public School Curriculum Rubric, Philip Beesley, Rob Gorbet, Lucinda Presley, Riverside Architectural Press
- 2019 **Biopolymers for Responsive Architectural Scaffolds**, Andrea Ling, ed. Philip Beesley, Riverside Architectural Press/LASG Folio Series.
- 2019 **Living Architecture Systems Group White Papers 2019**, eds. Philip Beesley, Sarah Bonnemaïson and Sascha Hastings, Riverside Architectural Press, 2019. [book]
- 2016-19 **Sentient Chamber**, eds. Rachel Armstrong, Philip Beesley, Colin Ellard and Dana Kulic, Riverside Architectural Press, 2016, [print]; second edition 2019 [print and ebook]
- 2016 **Living Architecture Systems Groups Symposium: White Papers'**, eds. Philip Beesley and Ala Roushan, Architectural Press. [print]
- 2014 **Near-Living Architecture: Work in Progress from the Hylozoic Ground Collaboration 2011-2014** ed. Philip Beesley with Armstrong, Gorbet, Kulic, Derix, Presley et al., Riverside Architectural Press, 2014, [monograph]
- 2013 **For Rick Haldenby** ed. R.J. van Pelt and Philip Beesley, Riverside Architectural Press, 2013, [book]
- 2012 **Sibyl: Projects 2010-2012** Philip Beesley, Riverside Architectural Press, 2012, [book]
- 2010 **Hylozoic Ground: Liminal Responsive Architectures** Philip Beesley, Riverside Architectural Press. [book]
- 2007-10 **Kinetic Architectures and Geotextiles 1995-2007** Philip Beesley, with papers by authors Macy, Stankievich, Pepperell, Stacey, Payne, Riverside Architectural Press, Cambridge 2007. [book & CD]

BOOK CHAPTERS, ARTICLES

- 2024 Philip Beesley, **'Diffusive Forms: Against Plato'** in Place and Parametricism, ed. Mark Burry, Bloomsbury [currently in press]
- 2023 Philip Beesley **"Fragile Architecture: Notes for a New Model of Interaction: & 'Epiphyte Chamber'"** book cover & two chapters within, Behnaz Farahi and Neil Leach (eds.). *"Interactive Design: Towards a Responsive Environment"*, Birkhäuser, Switzerland,
- 2023 Philip Beesley, **Atelier Room** and **Dresses**, within "Iris van Herpen: Sculpting the Senses", ed. Iris van Herpen, Cloe Pitiot, Lannoo,
- 2022 Liu Jie, Philip Beesley, et al., **"A Multi-Disciplinary Conversation on Interactive Architecture,"** Academic Conversation, South Architecture, vol. 8, 1-23 [article]
- 2022 Philip Beesley, **'Pluripotent Geometry'** in Jenny Sabin Studio: Biosynthetic Architecture, Actar
- 2022 Philip Beesley, **"GROVE: Open Systems for Living Architecture"**, in Co-Corporeality of Humans, Machines, & Microbes, Birkhäuser, 154-169.
- 2020 Philip Beesley, **'Diagrams of Precarious Forces'**, in D'Arcy Wentworth Thompson's Generative Influences in Art, Design, and Architecture, ed. Charissa Terranova and Ellen Levy, Bloomsbury
- 2018 Philip Beesley, **'Precarious Living Reactions: New Paradigms for Robotic Architecture'**, in Towards a Robotic Architecture. Framework and Processes, ed. Mahesh Daas and Andrew Wit, ORO Editions.
- 2018 Philip Beesley, **'Sentient Canopy: Prototype for resilient, curious architecture,'** in 'Worldmaking as Techne', ed. Mark-David Hosale, Sana Murrani, and Alberto de Campo, Riverside Architectural Press.
- 2017 Philip Beesley, **'Iris van Herpen and Philip Beesley'** in 'Fashion Together; Fashion's Most Extraordinary Duos on the Art of Collaboration', ed. Lou Stoppard, RIZZOLI.
- 2017 Philip Beesley, **'Dissipative Models: Notes toward Design Method'** in 'Living Architecture Systems Symposium: White Papers,' ed. Philip Beesley and Ala Roushan, Riverside Architectural Press.
- 2017 Philip Beesley, **'Living Architecture,'** in Interactive Futures, ed. Neil Leach, Tongji University Press
- 2017 Philip Beesley, **'Epiphyte Chamber: Responsive Architecture and Dissipative Design,'** in The Routledge Companion to Biology in Art and Architecture, ed. Charissa Terranova and Meredith Tromble, Routledge, 188-198
- 2016 Philip Beesley, **'The Living Architecture Systems Group'** in 'Planet B: 100 Ideas for a New World,' ed. Alain Bieber, Koenig Books, 38-39



Cover of *Living Architecture Testbeds* by Philip Beesley & Matt Gorbet. 2024

Behnaz Farahi, Neil Leach (eds.)

INTER- ACTIVE DESIGN

Towards a Responsive Environment

Birkhäuser

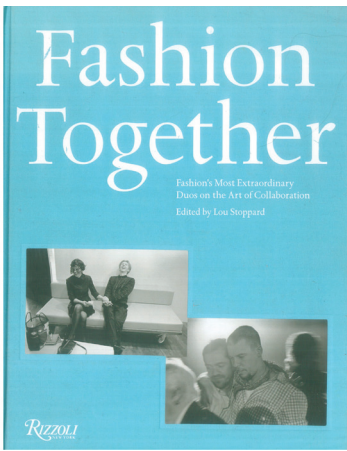


Cover of *Interactive Design: Towards a Responsive Environment* by Behnaz Farahi & Neil Leach. 2023

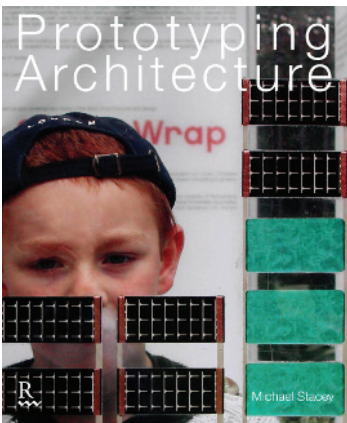


Cover of *Iris Van Herpen: Sculpting the Senses* by Iris Van Herpen, Cloe Pitot, Lannoo. 2022

- 2016 Philip Beesley, **'Epiphyte Chamber'** in 'Interactive Architecture: Adaptive World', ed. Michael Fox, 151-159, Princeton Architectural Press, 151-159.
- 2016 Philip Beesley, **'Protocell Meshwork' and Wolfgang Buttress,** in Aluminum: Flexible and Light, Toward Sustainable Cities, Michael Stacey, Cwningen Press 2016, 114-123, 146-147
- 2016 Philip Beesley, **'Epiphyte Chamber: Seoul, Korea 2014'** in Responsive Landscapes: Strategies for Responsive Technologies in Landscape Architecture, Routledge, 2016, 242-256 [print]
- 2015 Philip Beesley, **'Diffusive Architecture: A Manifesto,'** in 'Building Dynamics: Exploring Architecture of Change,' ed. Branko Kolarevic and Vera Parlac, Routledge, 205-220
- 2014 Philip Beesley, **'Dissipative Prototyping Methods: A Manifesto'** in Journal of the British Interplanetary Society vol. 67 No 7/8/9, 338-345 [print]
- 2014 Philip Beesley, **'Dissipative Models: Notes toward Design Method'** in Paradigms in Computing: Making, Machines and Models for Design Agency in Architecture. Ed. David Gerber et al. New York: eVolo, 2014, 24-34 [Print]
- 2014 Philip Beesley, **'Preface'** in 'Marga Weimans: Fashion House', exhibition catalogue, ed. Groninger Museum
- 2014 Philip Beesley, **'Quasiperiodic Near-Living Systems: Paradigms for Form-Language,'** in 'ALIVE: Advancements in adaptive architecture,' ed. Manuel Kretzer and Ludger Hovestadt, Ambra,
- 2014 Philip Beesley, **'Philip Beesley,'** in 'Hangzhou Triennial of Fiber Art,' Zhejiang Art Museum, China Academy of Arts Press, 2014.
- 2014 Philip Beesley, **'New Thermal Architecture,'** in 'High Definition: Design for Zero Tolerance', ed. Bob Sheil, Architectural Design, Academy Editions, London, 2013, 90-99.
- 2013 Philip Beesley, **'Diffusive Prototyping,'** and **'Hylozoic Ground; Aurora; Cloud Brocade,'** in 'On Architecture, Exhibition Book & Book of Abstracts, Sustainable Urban Society Association (STRAND)' ed. Ruzica Bogdanovic, 13 & 50-51.
- 2013 Philip Beesley, **'Protocell Mesh,'** in 'Prototyping Architecture' by Michael Stacey, Riverside Architectural Press, 2013. 3, 58-61. [multiple formats including print and ebooks]
- 2013 Philip Beesley, **'St. Exupery Field,'** illustrated within **'The Art of Tinkering,'** Karen Wilkinson & Mike Petrich, Exploratorium, Weldon Owen, 183,
- 2013 Philip Beesley, **'Input Output: Performative Materials,'** for 'Performative Material in Architecture and Design,' eds. Rashida Ng, Sneha Patel, Bristol, UK: Intellect, 2013, ix-xi,
- 2013 Philip Beesley, **'The Thinking, Breathing Buildings on the Horizon,'** for 'BBC Futures: Building Tomorrow Series', ed. Stephen Dowling, BBC, 2013 [online feature <http://www.bbc.com/future/story/20130610-buildings-that-breathe-and-think>]
- 2013 Philip Beesley, **'Prototyping for Extimacy: Emerging Design Methods,'** in 'Prototyping Architecture: the Conference Papers', ed. Michael Stacey, Riverside Architectural Press and London Building Centre, 2013.
- 2012 Philip Beesley, Zoe Loomes, Ellen St. Ruth, **'A conversation with: Philip Beesley,'** Kerb: Journal of Landscape Architecture, Issue 20 [online] <http://search.informit.com.au/documentSummary;dn=843280621971706;res=IELHSS>]
- 2012 Philip Beesley, **'Feeling Matter: Empathy & Affinity in the Hylozoic Series,'** invited contribution to 2012 Meta.Morf Biennale catalogue, ed. Espen Gangvik, [chapter]
- 2012 Philip Beesley, **'Transitional fields: Empathy and Affinity'** in 'All Our Relations', ed. Gerald McMaster and Catherine de Zegher; The 18th Biennale of Sydney, 2012 [chapter]
- 2011-12 Philip Beesley, **'Dissemblance and Entropy in the Hylozoic Ground System,'** in 'DigitalFUTURE: Scripting the Future', ed. Neil Leach and Philip Yuan, English and Chinese editions, Tongji University Press. [chapter]
- 2012 Philip Beesley, **'The Building and its Double: Entropic Modeling in the Hylozoic Soil series,'** in Phil Ayres 'Persistent Modelling: Extending the Role of Architectural Representation', Routledge, 2012, chapter 14
- 2010-12 Philip Beesley, **'Soil and Protoplasm,'** in 'Manufacturing the Bespoke' AD Reader, ed. Bob Sheil, Academy/Wiley, London, 2010 [chapter]
- 2011 Philip Beesley, **'Hylozoic Ground,'** in 'Klima Kunst Forschung', ed. Von Borries, Hiller, Renfordt, Merve Verlag, Berlin, 2011. [chapter]
- 2011 Philip Beesley, **'Hylozoic Ground,'** in 'Volume 28 – The Internet of Things', ed. Arjen Oosterman, Archis 2011 #2, Amsterdam, [chapter]



Cover of *Fashion Together: Fashion's Most Extraordinary Duos on the Art of Collaboration* by Lou Stoppard, 2017



Cover of *Prototyping Architecture* ed. Michael Stacey, 2013



Cover of *Mobile Nation* ed. by Martha Lady & Philip Beesley, 2008

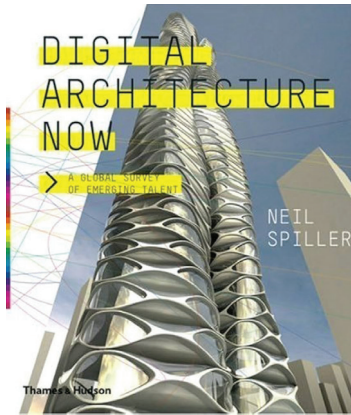
- 2011 Philip Beesley, **'Hylozoic Ground'**, in 'Protocell Architecture' AD Magazine, ed. Armstrong and Neil Spiller, Academy/Wiley, London 2010 [chapter]
- 1996-2009 26 Chapters and Articles in various publications
- 1987-94 **Ontario Craft Magazine**, Design reviews, regular contributions as design critic

KEYNOTE LECTURES (INTERNATIONAL SELECTED)

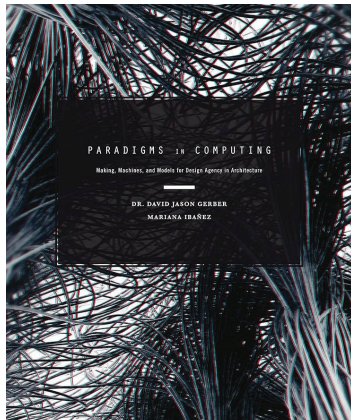
150 invited international lectures, 2002-2025

33 keynote international lectures 2007-2025

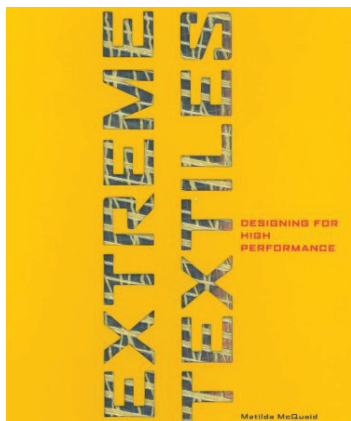
- 2024 Closing **Keynote**, "**Reflections: Gravitas, Hope**", Fabricate Conference, Copenhagen, April 6'24
- 2024 **Keynote**, "**Noosphere**", Noosphere Finissage, Futurium, Berlin, Feb. 11, 2024
- 2023 **Keynote New Metastable Noospheres**, N2: The Noosphere at 100, University of California at Berkeley, San Francisco, Dec. 3'23
- 2023 **Keynote**, "**Empty Space, Potent Aether: Notes toward a design method**", Robotic Explorations, Interactive Environments Minor-Technical University of Delft, Delft Nov. 3'23
- 2023 **Keynote**, "**Wicked Problems in Aether: Notes toward a design method**" RSD 12 Carnegie Mellon University, Pittsburgh, Oct 7'23
- 2022 **Keynote Lecture**, "**Toward Living Architecture**", Interactive X Architecture conference, Tsinghua University, Beijing, April 28
- 2021 **Keynote Lecture**, "**New Models: Aether**", Digifest, November 20, Toronto and Milan
- 2021 **Keynote Lectures**, "**Living Architectural Fabrics**", and "**Living Architecture: Models and Paradigms**", Hangzhou Triennial of Art, China Academy of Art, Hangzhou, November 5,6
- 2021 **Keynote Lecture**, "**New Paradigms for Design**", Bioregenerative Trust, Southeast Carolina Centre for Art, Winston-Salem, August 25
- 2019 **Keynote Lecture**, "**Diffusive Architecture: Pluripotency and Entropy**" Indiana University, Bloomington, ID, April 26
- 2019 Lecture, "**Near-living Architecture**" Tauranga Art Gallery, April 18
- 2019 **Keynote Lecture**, "**Diffusive Architecture: Pluripotency and Entropy**" CAADRIA, Wellington, New Zealand, April 15
- 2018 **Keynote Lecture**, "**Notes Toward New Living Systems**" Crossing Parallels, Technical University of Delft, November 13
- 2017 **Keynote lecture**, "**Interconnected Worlds: Toward Living Architecture**" Sunday Salon, Indiana University Cybernetic Systems Institute, May 30
- 2017 **Keynote lecture**, "**Pluripotency: New Dissipative Environments**" City College of New York, Spitzer School of Architecture, New York, April 27
- 2016 Lecture and workshop, "**Toward Living Systems**" Centre for Information Technology and Architecture (CITA) and The Royal Danish Academy of Fine Arts, Copenhagen, December 1
- 2016 **Keynote Lecture**, "**Living Architecture**" ACADIA, University of Michigan Taubman College, Ann Arbor, Michigan, October 27-29
- 2016 Lecture, "**Diffusive Architecture: Pluripotent Fate-Mapping**," National Academy of Sciences, February 4
- 2015 **Keynote Lecture and Series**, "**Theory into Practice**," Newcastle University, United Kingdom, November 24-25
- 2015 **Keynote Lecture**, '**Living Architecture**,' International Design Seminar (InDeSem), Faculty of Architecture, Delft University of Technology, Delft, The Netherlands, June 4
- 2013 **Keynote Lecture**, '**Diffusive Architecture: A Manifesto**,' Gallery of Science and Technology, Serbian Academy of Sciences and Arts, Belgrade, December 9-16
- 2013 **Keynote**, '**Adaptive Diffusive Architecture: AAC Interactive Shanghai**,' Tongji University, Shanghai, August 9
- 2013 **Keynote & workshop**, Alive 2013: Symposium on Adaptive Architecture, ETH, Zurich, July 9
- 2013 **Keynote**, '**Prototyping for Extimacy: Emerging Design Methods**,' Prototyping Architecture International Conference, London, February 23
- 2012 **Keynote Address**, '**Land and Soil**,' 18th Biennale of Sydney, Sydney, June 30
- 2012 **Keynote**, '**Diffusive Form and Near-Living Environments**,' DeSforM Conference, Wellington, April 18



Cover of *Digital Architecture Now: A Global Survey of Emerging Talent* by Neil Spiller, 2008



Cover of *Paradigms in Computing: Making Machines and Models for Design Agency in Architecture*, Ed. Fabio Gramazio, Matthias Kohler, Silke Langenberg, 2014



Cover of *Extreme Textiles: Designing for High Performance* by Matilda McQuaid, Chapters by Beesley et al., 2004

- 2012 **Keynote lecture, 'Diffusive Living Architecture,'** Sixth International Conference on Design Principles and Practices, University of California, Los Angeles, January 21
- 2011 **Keynote,** FABRICATE Conference, The Bartlett, University College London, London, April 16
- 2010 **Keynote, 'Hylozoic Ground,'** PechaKucha, AIA Utah, Salt Lake City, October 9
- 2010 Lecture tour; **'Future Sustainable Architecture,'** Shanghai World Expo; Seoul, October 2-5
- 2010 **Keynote Lecture, 'Responsive Architectures'** Artech, Porto, Portugal, March
- 2009 **Keynote Lecture, 'Autopoetic Feelings,'** iDMAa Conference, Ball State University, Muncie, November
- 2007 **Keynote Lecture, 'Posthumanist Design Paradigms,'** Taiwan Digital Media Design conference, National Yunlin University of Science and Technology, Douliu City, December 7

KEYNOTE LECTURES (CANADA, SELECTED)

68 Public lectures, 1997-2025

11 Keynote lectures, 2010-2023

- 2023 **Keynote, "Precarious Systems"**, Extreme Cinema conference, Toronto Metropolitan University, March 13
- 2020 **Keynote Lecture, "Amatria: Prototype for future lightweight sentient architecture."** Ryerson, Toronto, February 12
- 2018 **Keynote lecture, "Le Métabolisme: Transforming Design on Film"** with Stylianos Pangalo and Philip Beesley, Royal Ontario Museum, Toronto, ON, September 11
- 2018 **Keynote lecture, "An Afternoon with Philip Beesley"** Currelly Legacy Society, Royal Ontario Museum, Toronto, August 20
- 2018 **Keynote Lecture, "Notes toward Abiogenesis"** Smartgeometry Toronto, May 12
- 2017 **Keynote Lecture, "New Quasiperiodic Architectures: Work in progress from the Living Architecture Systems Group"** Bridges Conference 2017, Waterloo University, July 28
- 2015 **Keynote lecture & workshop, 'Living Architecture,'** PARE Residency, Topological Media Lab Concordia University, Montreal, May 7-8
- 2014 **Keynote Lecture, 'Extracellular Matrix,'** Cineflux Symposium, NSCAD University, Halifax, March 7-9
- 2011 **Keynote Address, 'Liminal Responsive Architecture,'** BTES 'Convergence and Confluence in Architecture and Education' Conference, Ryerson University, Toronto, August 6
- 2011 **TEDx** Humber College, Toronto, June 1
- 2010 **Keynote, AIAS Forum: Action/Reaction,** Ryerson University, Toronto, December 31

PUBLICATIONS ON WORK BY PHILIP BEESLEY

- 2025 **'Philip Beesley's Living Architecture: Where Design Breathes Back.'** Emma Ness. Artmag, April 14. <https://artmag.org/philip-beesley-living-architecture/>
- 2024 **'Confluence: art, science, creativity'**, Centre for New American Media in New York, documentary series for broadcast on PBS in America/International distribution [in progress]
- 2024 **'A "Cerebral Wonderland" of an Iris Van Herpen Exhibition at the Musée des Arts Décoratifs in Paris.'** Amy Verner: Vogue (US). January 2024. <https://www.vogue.com/article/iris-van-herpen-musee-des-arts-decoratifs>
- 2024 **'Retrospektive "Sculpting the Senses"...'** Von Silke Bender: WELT / ICON (Germany). January. <https://www.welt.de/iconmagazine/fashion/article249450976/Retrospektive-Sculpting-the-Senses-von-Iris-van-Herpen-Kleider-aus-Wassertropfen-Modells-unter-Strom-und-tragbare-Blitze.html>
- 2024 **'Iris van Herpen's exotic couture ... coming to Australia.'** The Australian. August. <https://www.theaustralian.com.au/arts/review/iris-van-herpens-exotic-couture-collection-is-coming-to-australia/news-story/c5f68dd80f8f35c0a55ff7a3f1e9c38a>
- 2024 **'Iris van Herpen: Sculpting the Senses.'** Paul Tierney. Neue Luxury, June 29. <https://www.neueluxury.com/feature/iris-van-herpen-sculpting-the-senses/>



From introductory talk **The Evening of Philip Beesley**, DEAF2012. Photo: Jan Sprij, 2012

DigitalFUTURES.world/Talks
Interactive Design



Ruairi Glynn
The Bartlett, UCL



Philip Beesley
University of Waterloo



Behnaz Farahi
CSLAB



Guven Ozel
UGA

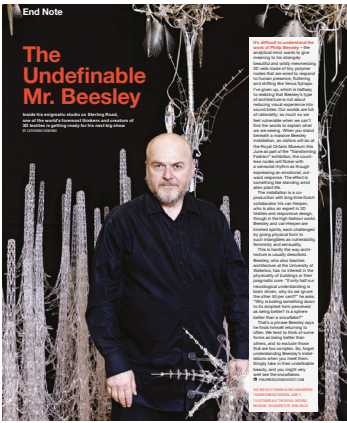
23 January 2021 @ 9:00am EST / 3:00pm CET / 10:00pm China
www.youtube.com/c/digitalfuturesworld/live + <https://spaces.bilibili.com/58860746/>

Poster from **DigitalFUTURES Keynote Talk: Interactive Design**. 2021



"A Future of Living Architecture" at TEDx Toronto event, 2017

- 2023 **'Behind the Scenes: Philip Beesley Adds to Iris van Herpen's Paris Exhibition'**, Bianca Weeko Martin, Azure Magazine, December, <https://www.azuremagazine.com/article/behind-the-scenes-philip-beesley-paris-exhibition/>
- 2022 **Vitra Design Museum. Hello, Robot: Design Between Human and Machine.** Exhibition catalogue, Weil am Rhein 2022–23 tour.
- 2022 **'Sculpting Science'**, Robert Chianese, American Scientist, Sept–Oct 2022, Vol. 110, No. 5
- 2021 **'Philip Beesley Brings a Living Galaxy to Venice,'** Stefan Novakovic, Azure Magazine, posted May 28. <https://www.azuremagazine.com/article/philip-beesley-brings-a-living-galaxy-to-venice/>
- 2021 **'Interview with Hashim Sarkis on his Curation of the 2021 Venice Architecture Biennale,'** Design Bloom, posted May 26, <https://www.designboom.com/architecture/interview-hashim-sarkis-curation-venice-architecture-biennale-05-26-2021/>
- 2021 **'An Immersive and Multisensory Experience. Grove by Philip Beesley and the Living Architecture Systems Group,'** Ramiro Isaurralde, Metalocus, <https://www.metalocus.es/en/news/immersive-and-multisensory-experience-grove-philip-beesley-and-living-architecture-systems-group>
- 2021 **'How Will We Live Together? Venice Biennale 2021 Explores The Architectural Potential In A Post-Pandemic World,'** ArchiPanic architecture & design magazine, posted May 21, <https://www.archipanic.com/venice-biennale-2021/>
- 2021 **'World-Leading Installation of Living Architecture Comes to Canada,'** Waheeda Haris, NUVO Magazine, posted February 3 <https://nuvomagazine.com/design/the-worlds-largest-installation-of-living-architecture>
- 2020 **'Haute Couture: The most extraordinary looks from Fashion Week Spring/Summer 2020,'** Eugenie Trochu, VOGUE, posted January 30 <https://www.vogue.fr/fashion/article/haute-couture-most-extraordinary-looks-spring-summer-2020>
- 2018 **'Selected Projects: Philip Beesley,'** Pasajes Arquitectura y Critica, No. 147
- 2018 **'Science and Culture: Sentient architecture promises insight into our evolving relationship with AI,'** Proceedings of the National Academy of Sciences of the United States of America, <http://www.pnas.org/content/115/30/7638>
- 2018 **'Transforming Space,'** Canadian Architect, posted August 14: <https://www.canadianarchitect.com/features/transforming-space/>
- 2018 **'Iris van Herpen and Philip Beesley at the ROM,'** NUVO Magazine, posted June 1: <http://nuvomagazine.com/art/iris-van-herpen-and-philip-beesley-at-the-rom>
- 2018 **'Meet the Enigmatic Mr. Beesley, Architect,'** Designlines, posted June 1: <https://designlinesmagazine.com/philip-beesley-architect/>
- 2017 **'Philip Beesley: the Ethical Shape of Sensitive Machines. Philip Beesley and Industry 4.0,'** Maddalena Mometti, Digidigit, <http://www.digidigit.it/news/ethical-shape-sensitive-machines-philip-beesley-industry-4-0/>
- 2017 **'Design Exchange Exhibition Examines how Design Imitates Nature's Models,'** Canadian Architect, posted Feb. 1: <https://www.canadianarchitect.com/exhibitions-installations/evolution-design-exchange/1003737152/>
- 2016 **'Towards a New Softness,'** in Information Materials, Manuel Kretzer, Springer Press 2017, 167-179
- 2016 **'Epiphyte Chamber, Philip Beesley. Seoul, Korea, 2014,'** in Responsive Landscapes: Strategies for Responsive Technologies in Landscape Architecture Bradley Cantrell and Justine Holzman, Routledge, 244-247
- 2016 **'Sentient Chamber,'** Alana Quinn, Issues in Science & Technology, Spring 2016, 4-23
- 2016 **'In the galleries: Spins on 'The Starry Night,' from critical to cheeky,'** Mark Jenkins, Washington Post, posted May 20: https://www.washingtonpost.com/entertainment/museums/in-the-galleries-spins-on-the-starry-night-from-critical-to-cheeky/2016/05/19/4c8d3032-1b0c-11e6-82c2-a7dcb313287d_story.html
- 2016 **'Iris Van Herpen Is Revolutionizing the Look and Tech of Fashion,'** Naomi Shavin, Smithsonian.com, posted May 20: <http://www.smithsonianmag.com/arts-culture/iris-van-herpen-revolutionizing-look-and-tech-fashion-180958969/?no-ist>
- 2016 **'Architecture and Adaptation: From Cybernetics to Tangible Computing,'** Socrates Yiannoudes, Routledge.



Magazine article **The Undefinable Mr. Beesley** by Catherine Osborne, *DESIGNLINES*, July 2018



Cover of **'Iris Van Herpen and Philip Beesley at CERN'**, *Another Magazine*, Spring/Summer 2015



Cover of **'Life in Venice'**, Terri Peters, *Azure Magazine*, 2011

- 2016 **'Fall 2016 Ready-to-Wear: Iris van Herpen,'** Nicole Phelps, Vogue, posted March 8: <http://www.vogue.com/fashion-shows/fall-2016-ready-to-wear/iris-van-herpen>
- 2016 **'City Sights: The National Academy of Sciences,'** Julia Buntaine, SciArt in America, posted February 10: <http://www.sciartinamerica.com/blog/city-sights-the-national-academy-of-sciences>
- 2015 **'Transformative Research Practice: Architectural Affordances and Crisis,'** Jenny Sabin in Journal of Architectural Education, 'Crisis' vol. 69.1, March 2015, 62-71
- 2015 **'The Routledge Companion for Architecture Design and Practice: Established and Emerging Trends,'** Mitra Kanaani, ed. Dak Kopec, Routledge,
- 2015 **'Epiphyte Chamber,'** Responsive Landscapes, Bradley Cantrell, Justine Holzman, 242-247.
- 2015 **'Synthetic Romantic: The Altruistic Aesthetic of Architect Philip Beesley,'** Loké Magazine, Vol. 1
- 2015 **'Superwoman: Twelve life lessons from the iconic powerhouse Cindy Crawford Inc.,'** Elle Canada cover story, October issue, Cindy Crawford wears Iris van Herpen made in collaboration with Philip Beesley
- 2015 **'What is Luxury? Blog: Interview with Iris van Herpen,'** Leanne Wierzba, Crafts Council (UK), posted Sept. 18: <http://www.craftscouncil.org.uk/articles/what-is-luxury-blog/>
- 2015 **'Case studies of soil in art,'** C. Feller, E. R. Landa, A. Toland and G. Wessolek, SOIL, Vol. 1, Issue 2, August 2015, 543-559
- 2015 **'New Wilderness,'** Digital Utopia, ed. Nadin Heinrich, Akademie der Künste,
- 2015 **'Hypernatural: Architecture's New Relationship with Nature,'** Blaine Brownell and Marc Swackhamer; Princeton Architectural Press.
- 2015 **'Vibrant Architecture: Matter as a Codesigner of Living Structures,'** Rachel Armstrong, Warsaw/Berlin, Poland/Germany: De Gruyter Open Ltd.
- 2015 **'Transformative Research Practice,'** Jenny Sabin Crisis: Journal of Architectural Education, Vol. 69, Issue 1, March 2015, 65
- 2015 **'Philip Beesley x Iris Van Herpen,'** Archetype #03 (Kate King)
- 2014 **'Design as Future-Making,'** Susan Yelavich, University of Toronto Press,
- 2014 **'Radiant Soil,'** Parabol: The Retooling Issue Magazine, Curated by Peter Weibel Karlsruhe, 22-23.
- 2014 **'Live Wires,'** Uncube Magazine No. 25, 40
- 2014 **'Aurora and Epiphyte Membrane Installation,'** TAIDD Magazine 2014 F/W, 98-105
- 2014 **'Above All,'** Canadian Interiors: In Threes, March/April Issue, 14
- 2014 **'The Limits of Growth,'** HOLO | Magazine, st l ed. 170-181
- 2014 **'Epiphyte Chamber,'** Space http://www.vmspace.com/eng/sub_emagazine_view.asp?category=artndesign&idx=11825, March 24, 2014
- 2013 **'Rachel Armstrong/Hylozoic Series,'** cover; Nov. issue, Libertine Magazine, London, 2013
- 2013 **'These Robotic Jungles Want to Eat You,'** Joseph Flaherty, WIRED Magazine, October 2013, print and online edition <http://www.wired.com/design/2013/10/architect-creates-robotic-environments-that-want-to-eat-you/>
- 2013 **Performative Material in Architecture and Design,'** eds. Rashida Ng, Sneha Patel, Bristol, UK: Intellect, 2013, 30-31
- 2012 **Material Matters: Nesaw Materials in Design,'** Philip Howes and Zoe Laughlin, London, UK: Black Dog Publishing, June 2012
- 2012 **Biennale of Sydney features:** BOS front of web, 2 video documentaries, 20 journal articles, numerous video blogs
- 2012 **'Sewing/Sowing: Cultivating Responsive Geotextiles,'** Philip Beesley and Charles Stankievich in Catherine Harper, 'Textiles: Critical and Primary Source,' Berg Publishers [Volume 3, chapter]
- 2011 **Interactive Sculpture is a Template for Carbon-Negative Homes,** Charlie Burton, photography Edoardo Dellille; Shamil Tanna, WIRED, January 2011
- 2010 **Venice Biennale features:** 3 video documentaries, 8 feature articles (Le Figaro, Wall Street Journal), national newscast, 80 citations in international press
- 2009 **'Philip Beesley: Envisions an Architecture that breathes and grows,'** Terri Peters, MARK magazine, No. 21, August - September, pp. 200-207
- 2007 **A Beastly Building Material That Just Might Bite You,** Tim McKeough, WIRED, October, Culture Section lead: http://www.wired.com/culture/art/magazine/15-11/pl_arts_beast
- 2006 **'Implant Matrix,'** article in *Domus Magazine*, ed. Maria Cristina Tommasini, Milan, 2006