

## CV

### LENA TH BERGLIN

Swedish Citizen

Born in Stockholm 1965, lives and works in Gothenburg

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## EDUCATION

2008	Doctor of Philosophy in Interaction Design, Department of Computing Science and Technology, Chalmers University of Technology, Gothenburg, Sweden. "Interactive Textiles Structures – Creating Multifunctional Textiles based on Smart Materials"
2003	Master in interaction Design, Chalmers University of Technology, Gothenburg, Sweden
1996	Bachelor in Fine Arts, Textile Degree, The Swedish School of Textiles, University of Borås

## APPOINTMENTS

2016	Associate Professor in Design and Material Practices, University of Borås, Department of Textile Technology
2013-	Founder of Vague Research Studios in collaboration with PhD Kajsa G. Eriksson
2012-	Senior Lecturer in Design, The Swedish School of Textiles, University of Borås
2009-2013	Post-Doc position, The Swedish School of Textiles, University of Borås
2007-2009	Product Developer, Technical textiles, FOV Fabrics Borås (50%)
2003-2008	PhD Studies, Chalmers University of Technology, Department of Computing Science and Technology.
2002-2008	Lecturer Design, The Swedish School of Textiles, University of Borås
1999-2001	Research assistant in the eu-project EASYTEX, Gothenburg University. Development of clothing and made-to-measure system for disabled people. In co-operation with Lectra system, Bordeaux
1993-	Founder of the Design Consultant Studio "Lena Berglin". Outdoor clothing and textiles, Illustration, Technical Textiles
1987-1990	Software Designer, Saab-Marine Electronics, Gothenburg
1986-1987	Software Designer Philips Electronics, Stockholm
1985-1986	Software Designer, Ericsson AB, Stockholm

## ASSIGNMENTS

2009-	Evaluator and Rapporteur EU 7th Framework and Horizon 2020
2009-	Invited speaker, workshop leader and opponent different design universities in Europe and Asia.
2003-	Supervisor of more than 50 Bachelor and Master thesis works
2009-	Reviewer Textile Research Journal

2009-2014	Supervisor PhD Student Li Guo, Tampere University of Technology. Thesis "Textile-based Sensors and Smart Clothing Systems for Respiratory Monitoring" finalized May 2014
2012-2015	Supervisor PhD Student Behnaz Baghaei, University of Borås. Thesis "Development of thermoplastic biocomposites based on aligned hybrid yarns for fast composite manufacturing" finalised November 2015.
2010-	Supervisor PhD Student Emanuel Gunnarsson, Department of Physics, Chalmers University of Technology. Topic: Textile based capacitor structures for pressure and sound applications
2013-	Supervisor PhD Student Niina Hernandez, University of Borås. Topic: garment fit.

## ARTISTIC WORK

2015	<i>blankout</i> , imago mundi, Luciano Benetton Collection, <a href="http://www.imaomundiart.com">www.imaomundiart.com</a>
	<i>Norm vs. Fluid</i> at the iGDN exhibition Blue+Pink>>>Rethink at designxport, Hamburg. (March)
	<i>Norm vs Fluid</i> at the iGDN exhibition Blue+Pink>>>Rethink at designtransfer, Universität der Kunst Berlin, UdK in Berlin. (April)
	<i>Norm vs Fluid</i> at the iGDN exhibition Blue+Pink>>>Rethink at Hochschule Hannover, University of Applied Sciences and Arts. (October)
2014	<i>Norm vs Fluid</i> at the iGDN exhibition in Hong Kong "The Great and Small – Great Gender-Sensitive Design and small anti-gender design" <a href="https://facebook.com/iGenderDesignNetwork">https://facebook.com/iGenderDesignNetwork</a>
	Performance workshop at the AHA festival at Chalmers department of Architecture. (October 2014)
	Exhibition <i>Runda Ringen</i> (The round ring) featuring the film <i>Barnen, Alkoholisterna och Konstnärerna. (The Children, the Alcoholics and the Artists)</i> at the art hall in the community and cultural house of Västra Frölunda Sweden. (September 2014)
	<i>Ocean Cocktail Mix</i> . Performance as part of the Exodus Performance Walk through Gothenburg. Arr. by Performance/Performativity Cross Faculty Group, University of Gothenburg. <a href="http://www.konst.gu.se/fakulteten/fakultetskollegium/performance-performativity/events/">http://www.konst.gu.se/fakulteten/fakultetskollegium/performance-performativity/events/</a>
2013	<i>Allt mitt är ditt – allt ditt är mitt</i> (All mine is yours, all yours is mine), exhibition at Motala Konsthall, group exhibition and performance
	<i>Vague Terrain – Vague Tissue</i> , exploring a "terrain vague" through interventions, a one year project in the area of Västra Frölunda
2012	<i>Hemslöjden</i> , group exhibition at Liljevalchs konsthall, Stockholm
2008	<i>Body and Space</i> , Group Exhibition at Riga Art Museum, Riga
2008-2010	<i>The invention of Women</i> group exhibition curated by Technical Museum Stockholm. Exhibited in Sweden, Belarus, Bosnia Herzegovina, Macedonia, Serbia
2007	Group Exhibition at Tech Textil Frankfurt
2006	<i>Futuro Textile</i> group exhibition Lille, France - Materio, group exhibition in Paris
	<i>Depotec</i> , group exhibition in Brussels
	<i>Brain port – material laboratory</i> , group exhibition Design Week, Eindhoven

	<i>Body and Space</i> , group exhibition Furniture Fair Milan
	<i>Body and Space</i> ", group exhibition Stockholm Furniture Fair Stockholm
2005	Group exhibition at Tech Textil Frankfurt
2004-2006	<i>Textile Evolutions</i> , group exhibition curated by The textile Museum, Borås

## FUNDING

2014	Kulturbryggan, Genomförandestöd (with Kajsa G. Eriksson), 600 000 SEK
	Pronto, Gothenburg City (with Kajsa G. Eriksson), 10 000 SEK
2013	Travel Grant Estrid Ericsson Stipendiefond, 10 000 SEK
2012	Initial project support, Kulturbryggan (with Kajsa G. Eriksson), 100 000 SEK
	Travel grant Wilhelm och Martina Lundgrens fonder (with Kajsa G. Eriksson), 15 000 SEK
2010	Research grant, Vinnova, 500 000 SEK
	Research grant, Vinnova VINN NU, 2010, 300 000 SEK
	Grant Curamus, 100 000 SEK
2009	Research Grant, University College of Borås, 3 500 000 SEK
	Equipment grant, The Swedish Textile foundation, 400 000 SEK
	Research grant, KK-stiftelse, 1 800 000 SEK
2007	Annual Female Grant, University College of Borås, 15 000 SEK
2005	Teknikbrostiftelsen, 100 000 SEK

## DESIGN PUBLICATIONS

2016	Berglin, L., Eriksson-G, K. <i>Vague Space as Potential: A Fluid Design for Urban Public Space</i> ". Published in <i>Dialectics of Space and Place across Virtual and Corporeal Topographies</i> . Edited by June Jordaan, Carl Haddrell and Christina Alegria. Inter-Disciplinary Press, Oxford, UK.
2014	Eriksson-G, K., Berglin, L. <i>Vag Terräng</i> (Vague Terrain, published in the Swedish cultural magazine "Ord&Bild", 1-2:2014 <a href="http://www.tidskriftenordobild.se">www.tidskriftenordobild.se</a>
2013	Eriksson-G, K., Berglin, L. <i>Barn och alkoholister – en vag plats i Frölunda</i> . At the blog This must be the place, <a href="http://www.thismustbegoteborg.wordpress.com">www.thismustbegoteborg.wordpress.com</a>
	Eriksson-G, K., Berglin, L. <i>Vague Space – Vague Tissue</i> . Artwork presented in the fanzine Att Överleva by Att segra.
2008	Berglin, L. (2008). <i>Designing for extreme conditions</i> . In Proceedings of Cumulus Design Conference, Kyoto, Japan, 2008.
	Berglin, L., Zetterblom, M. <i>Textile microphone elements</i> . In: Proceedings of World Textile Conference, AUTEX 2008, Biella, Italy, June 2008
2005	Berglin, L. (2005). <i>Spookies: Combining Smart materials and Information technology in an Interactive Toy</i> . In: Proceeding of Interaction Design and Children IDC 2005. Boulder, Colorado, USA.
	Berglin, L., (2005). <i>Wanted 2 – mobile phone interface integrated in a glove</i> . In: Proceedings of Ambience 2005, Tampere Finland.
2004	Berglin, L. (2004). <i>Wanted – a textile mobile device</i> . In Proceedings of IMTEX Interactive Textiles, Lodz, Poland, November 2004.

## TECHNOLOGY PUBLICATIONS

2015	Gunnarsson, E., Karlsteen, M., Berglin, L., Stray, J. (2015). <i>A novel technique for direct measurement of contact resistance between interlaced conductive yarns in a plain weave</i> . Textile Research Journal 2015, Vol. 85(5), page 499-511.
	Baghaei, B., Skrifvars, M., Berglin, L. (2015). <i>Characterisation of thermoplastic natural fibre composites made from woven hybrid yarn prepregs with different weave patterns</i> . Composites Part A: Applied science and manufacturing, Volume 76, September 2015, pages 154-161
2014	McGreevy, P.D., Sundin, M., Karlsteen, M., Berglin, L., Ternström, J., Richardsson, H., McLean, A.N. <i>Problems at the human-horse interface and prospects for smart textile solutions</i> . Journal of Veterinary Behavior: Clinical Applications and Research, Volume 9, Issue 1, pages 34-42, January 2014
	Baghaei, B., Skrifvars, M., Berglin, L. (2014). <i>Hybrid natural fibre reinforcements and prepegs for thermoplastic composites with improved performance and properties</i> . Proceedings of Aachen Dresden International Textile Conference. Dresden, Germany, 27-28 November, 2014.
2013	Guo, L., Berglin, L., Wiklund, U., Mattila, H. <i>Design of a Garment-Based Sensing System for Breathing Monitoring</i> . Textile Research Journal, Volume 83, No 5, March 2013, pp 499-509
	Bahgaei, B., Skrifvars, M., Berglin, L. (2013) <i>Manufacture and characterization of thermoplastic composites made from PLA/hemp co-wrapped hybrid yarn prepregs</i> . Composites: Part A 50 (2013) 93-101.
	Skrifvars, M., Baghaei, B., Ramamoorthy, S., Berglin, L. <i>Development of hybrid natural fibre reinforcements for structural composites- concepts and opportunities</i> . TexComp-11, Leuven, Belgium, September 19-20, 2013.
2012	Li Guo, Azadeh Soroudi, Lena Berglin, Heikki Mattila, Mikael Skrifvars, Hakan Torstensson. <i>Fibre-based single-wire keyboard – The Integration of a Flexible Textile sensor into E-textiles</i> . Autex Research Journal, No 4 December 11 January12
	Guo, L., Berglin, L., Wiklund, U., Mattila, H. "Improvement of electro-mechanical properties of strain sensors made of elastic-conductive hybrid yarns". Textile Research Journal, Volume 82, Issue 19, November 2012, pp 1937-1947
	Persson, M., Cho, S-W., Berglin, L., Tukkanen, J., Skrifvars, M. (2012) <i>Poly(Lactid/Acid)/Hydroxiopathite Composite Fibers for 3D Osteoconductive Woven Scaffolds</i> . ECCM 15th European Conference on Composite Materials, Venice Italy, June 24-28, 2012.
2011	Guo, L., Berglin, L., Mehrjedi A. K., Skrifvars, M., Mattila, H. (2010). <i>Disappearing Sensor – Textile based Sensor for Monitoring Breathing</i> IEEE-International Conference on intelligent Control and Information Technology, Tianjin, China, March 25-27 2011
2010	Guo, L., Berglin, L., Mattila, H. (2010). <i>Textile Strain Sensors Characterization- Sensitivity, Linearity, Stability and Hysteresis</i> . Nordic textile Journal No 2, 2010 pp51- pp63
	Guo, L., Berglin, L., Mattila, H. (2010). <i>Knitted Textile Strain Sensor for Respiration measurement</i> . World textile Conference, Autex 2010
	Guo, L., Berglin, L., Mattila, H. (2010). <i>Conductive Coated Force Sensor in cargo Transportation Security System</i> . World textile Conference, Autex 2010

2009	Guo, Li., Mattila, H., Berglin, L. (2009) <i>Testing and evaluation of textile based stretch sensor</i> . World textile Conference, Autex 2009
2008	Karlsson, S. J., Wiklund, U., Berglin, L., Östlund, N., Karlsson, M., Bäcklund, T, Lindecrantz, K., Sandsjö, L. (2008). <i>Wireless Monitoring of Heart Rate and Electromyographic Signals using a Smart T-shirt</i> . In Proceedings of pHealth 2008. International Workshop on Wearable Micro and Nanosystems for Personalised Health, Valencia, Spain, 2008.
2007	Wiklund, U., Karlsson, M., Östlund, N., Berglin, L., Lindecrantz, K., Karlsson, S., Sandsjö, L. <i>Adaptive spatio-temporal filtering of disturbed ECGs: a multi-channel approach to heartbeat detection in smart clothing</i> . (2007). <i>Medical and Biological Engineering and Computing</i> . Volume 45, Number 6, 2007- Springer Link.
	Rattfält, L., Lindén, M., Hult, P., Berglin, L., Ask, P. <i>Electrical characteristics of conductive yarns and textile electrodes for medical applications</i> . <i>Medical and Biological Engineering and Computing</i> , 2007, (45), 12, 1251-1257.
2006	Sandsjö, L., Berglin, L., Wiklund, U., Lindecrantz, K. Karlsson, J.S. (2006) <i>Self-administered long-term ambulatory monitoring of electrophysiological signals based on smart textiles</i> . IAEA 2006, Maastricht, Netherlands 9-15/7 2006.
	Rattfält, L., Linden, M., Hult, P., Berglin, L., Ask, P. (2006). <i>A Canonical Correlation Approach to Heart Beat Detection in Textile ECG Measurements</i> . IEEE Advances in Medical Signal and Information processing, MEDSIP 2006, July 17-19 2006. Glasgow UK.
	Östlund N., Karlsson, M., Karlsson, S., Berglin, L., Lindecrantz, K., Sandsjö, L., Wiklund, U. <i>Multichannel for heartbeat detection in noisy ECG recordings</i> . (2006). World congress on Medical and Biomedical Engineering. August 27 – September 1, 2006, Seoul, Korea.
2005	Berglin, L. (2005). <i>Design of a flexible textile system for wireless communication</i> . In: Proceedings of Autex Conference 2005, Portoroz, Slovenia.