Curriculum vitae

Personal

Name:	Helena Lidelöw (formerly Johnsson)
Address:	Fältspatstigen 7, 977 53 LULEÅ
E-mail:	helena.lidelow@ltu.se
Born:	13:e augusti 1973 in Gräsmark, Sweden
Family:	2 children

Education

2009	Associate Professor (biträdande professor/docent) in Timber Structures, Luleå University of Technology.
2004	Ph.D. in Timber Structures, Luleå University of Technology. Doctoral: *Plug Shear Failure in Nailed Timber Connections: Avoiding Brittle and Promoting Ductile Failures*
2001	Lic.Tech. in Timber Structures, Luleå University of Technology. Licentiate: *Systematic Design of Glulam Trusses*.
1998	Master of Science in Civil Engrng, Luleå University of Technology
1994	Studies for Bachelors degree in Civil Engrng at Karlstad University (1 year)
1993	Courses in Mathematics, English and French at Karlstad University
1992	Upper secondary school, construction engineer, Älvkullegymnasiet, Karlstad

Work experience

2014-	Platform Manager at Lindbäcks Bygg, 50%
2012-2013	Platform Manager at Lindbäcks Bygg, 40%
2010-2011	Platform Manager at Lindbäcks Bygg, 20%
2004-	Senior lecturer at the Div. of Timber Structures, 40% research
2000-2004	Ph.D. student at the Div. of Timber Structures, Luleå University of Technology
1998-2000	Ph.D. student at the Div. of Steel Structures, Luleå University of Technology
1996	Assistant project manager at Vägverket Produktion Luleå.

Commissions

2011-2012	Member of the doctoral education committee under the Dep. of Civil, Environmental and Natural Resources Engineering
2007-2009	Member of the education committee under the technical faculty board
2005-	Member of the International Council for Research and Innovation in Building and Construction, workgroup 18, CIB-W18 Timber Structures.
2000-2002	Ph.D. student representative in the executive board for the Dep. of Civil Eng.

Academic leadership and training

2006	Training for research leaders, PMI (Personal Management International) at Luleå University of Technology
2005-2010	Program coordinator for the M.Sc. programme in Architectural Engineering
2004-2007	Program manager for the research school WoodTech Sweden.
2004	Training for research leaders, Stockholm School of Economics and Chalmers

Supervision of postgraduate students

Head Supervisor for:

2013-	Mary Lundberg	Platforms for Refurbishment Processes
2012-	Ida Näslund	Semi-rigid timber joints
2011-2014	Gustav Nordström	Energy Efficiency in Timber Construction
2007-2013	Gustav Jansson	Industrialised design
2007-2011	Gabriela Tlustochowicz	Stabilisation of Timber Structures
2007	Alann André	Strengthening of Wood with Natural Fibres
2006-2008	Annicka Cettner	Women as Engineers in Construction
2005-2010	John Meiling	Experience Feedback in Industrialised Construction

Assistant supervisor for:

2012-	Henric Jonsson	Production Strategies in Construction
2010-2012	Susanne Engström	Client Role in Industrialised Construction
2010-2013	Erika Levander	Uncertainty with Construction Clients
2010-2012	Mania Meibodi	Architecture and Free Form
2009-2014	Patrik Jensen	Tools for Parametric Modelling of Structures
2009-	Giuseppe Caprolu	Stabilisation of Timber Houses
2007	Marcus Sandberg	Configuration Tools for Industrialised Housing
2008-2011	Erik Söderholm	Standardised design of Industrialised Housing
2003-2009	Elzbieta Lukaszewska	Joints between timber and brittle materials
2002-2005	Henrik Janols	Decision support system for timber structures with an aesthetical value

Supervision of Master Theses Projects

Supervised and examined 40 master theses within timber construction, construction management and IT between 1999-2013.

Undergraduate Teaching

Since 2004 examiner and developer of the following courses: Technical Architecture (15 credits), Virtual Design (7.5 credits), Timber Structures (7.5 credits), CAD&VR (7.5 credits), Building Technology (7.5 credits), Development Project (7.5 credits), and Industrialised Construction (7.5 credits).

Faculty opponent commissions

2005	Licentiate thesis presented by Göran Berggren, Luleå University of Technology, Skellefteå. Title: Key Issues when Using General IT-tools in the Wood Construction Process.
2010	Licentiate thesis presented by Albert Boqvist, Lund Institute of Technology, Lund. Title: Passive House Construction
2010	Member of the committee for Kristina Laurell-Stenlund, Luleå University of Technology. Title: Value Generation in Cultural Buildings.
2011	Member of the committee for Johan Vessby, Linnaeus University, Växjö. Title: Analysis of Shear Walls for Multi-Storey Timber Buildings.
2011	Licentiate thesis presented by Fredrik Wikberg, Lund Institute of Technology, Lund. Title: Architectural Design in Industrialized House-Building
2014	Doctoral thesis presented by Lars Eliasson, Linnaeus University, Växjö. Title: The Matter of Timber Quality on Industrial Manufacture of Single-Family Houses.

Approved and applied grants

Funder	Purpose	Year	Sum [SEK]
Kempestiftelserna	Laboratory tests: Glulam – the potential of the material	1999	50’
LE Lundberg Scholarship fund	Personal studies in: Systematic Design of Glulam Trusses	1999-2000	120’ /year
Kempestiftelserna	Ph.D. studies in: Decision Support System for the Design of Timber Structures	2002	2.700’
Seth. M. Kempes Scholarship Fund	World Conference on Timber Engineering, Malaysia.	2002	7’
FORMAS	Ph.D. studies in: Systems Engineering for Timber Frame Buildings	2004	Denied
VINNOVA through SkeWood	Senior research in: Beam-Column Building System for Glulam	2005	660’
FORMAS	Ph.D. studies in: Timber-Concrete Composite	2005	Denied

	Floors		
SkeWood	Ph.D. studies in: Sustainability for Industrialised Wood Construction.	2005	1.740’
SkeWood	Ph.D. studies in: Modelling of floor sound with physical parameters.	2005	2.400’
VINNOVA	Inquiry commission: IT-support for industri-alised construction and interiors for wood.	2005	2.400’
TräCentrum Norr	Ph.D. studies in: Installations for industrialised construction.	2006	2.050’
TräCentrum Norr	Ph.D. studies in: Life cycle costing for multi-storey timber houses.	2006	1.880’
VINNOVA	Lean Wood Engineering, research centre for industrialised wood construction.	2006	6.000’/year for 3 years
EU mål 2	Multi-Storey Timber Houses – structural design. With UA Girhammar, Umeå Univ.	2007	Denied
FORMAS	Ph.D. studies in: Strengthening of glulam with fibres: Long-term strength	2007	Denied
KK-stiftelsen	Visualisation of Life Cycle Costs in the Future Town of Kiruna - A Decision Support System for Large-Scale Urban Projects	2007	Denied
VINNOVA	Ph.D. course in Parametric Design	2008	150’
TräCentrum Norr	Development project: 3D Finite Element Tool for Timber Engineering	2008	1.000’
SkeWood	Senior research in: Risk Assessment in Timber Construction Projects	2008	902’
Branschforsknings-programmet	Senior research in: 3D Finite Element Tool for Timber Engineering	2008	Denied
FORMAS/BIC	Ph.D. studies in: The client role in industrialised construction	2008	2.340’
SBUF	Ph.D. studies in: The client role in industrialised construction	2008	Denied with good judging
FORMAS	Energy Signature in Industrialised Housing	2009	Denied
VINNOVA	Development of Engineering Curriculum for Industrialised Housing	2009	300’
EU mål 2	Increasing Energy Efficiency in Buildings	2010	3.500’
TräCentrum Norr	Ph.D. project: Förbanden är knuten (timber joints)	2012	1.400’
Norrbottens forskningsråd	Energy Cube: building a test facility for energy efficiency	2012	400’
TräCentrum Norr	Energy Cube: acquiring test equipment for testing heat leakage and air tightness	2012	400’
Sveriges bygg-industrier	Resource and flow efficiency in construction	2013	2.000’
FORMAS/IQS	Platform Organization of Refurbishment Processes	2013	2.740’