

CURRICULUM VITAE

Robert Jockwer
Assist. Prof., Dr. sc., Dipl.-Ing.

CONTACT INFORMATION

Chalmers University of Technology
Division of Structural Engineering
Department of Architecture and Civil Engineering
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PERSONAL DATA

Date of Birth: 21th March 1984
Citizenship: German

CURRENT POSITIONS

Assistant Professor for Timber Structures
Division of Structural Engineering
Chalmers University of Technology, Gothenburg, Sweden
Group for Light-Weight Structures

February 2019 – *Present*

Co-Funder and Consultant
Timber Hub AB
Gothenburg, Sweden

October 2016 – *Present*

Activities: Networking and consulting of timber industries in Europe and Asia

PROFESSIONAL EXPERIENCE

Scientific employee and Lecturer
Institute of Structural Engineering
ETH Zurich, Zurich, Switzerland
Chair: Prof. Dr. Andrea Frangi

July 2015 – January 2019

Research area: Connections, reinforcement & robustness of structural systems in timber

Co-Funder and Consultant
Swiss Timber Solutions AG
Zurich, Switzerland

April 2016 – December 2018

Competence field: Connections and reinforcement of timber structures

Research Assistant
Structural Engineering Research Laboratory
Empa, Dübendorf, Switzerland

August 2011 – June 2016

Head of Laboratory: Prof. Dr. Masoud Motavalli

Activities: Collaboration in research projects and conduction of service works.

Research Assistant
Wood Laboratory
Empa, Dübendorf, Switzerland

July 2009 – July 2011

Head of Laboratory: Dr. Klaus Richter

Activities: Collaboration in research projects and service works.

EDUCATION

ETH Zurich, Zurich, Switzerland
Institute of Structural Engineering
Doctoral Study in Structural Engineering
Doctoral Thesis: "Structural Behaviour of Glued Laminated Timber Beams with Unreinforced and Reinforced Notches"

July 2009 – March 2014

RWTH Aachen University, Aachen, Germany
Department of Civil Engineering
Diploma Study in Civil Engineering
Graduation cum laude as civil engineer (Dipl.-Ing.)

October 2003 – March 2009

Specialization: Continuum Mechanics, Structural Mechanics, Concrete Structures, Geotechnics

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| TEACHING ACTIVITIES | <p>Timber Structures since Spring 2019 Chalmers University of Technology, Gothenburg, Sweden Division of Structural Engineering</p> <p>CAS Integraler Holzbau Spring 2018 – <i>Present</i> Augsburg Universit of Applied Sciences, Augsburg, Germany Institut für Bau und Immobilie <i>Course leader: Prof. W. Huß</i> Module: Multi-storey buildings in timber</p> <p>Timber structures II Autumn 2015 – <i>Present</i> ETH Zurich, Zurich, Switzerland Institute of Structural Engineering <i>Leading lecturer: Prof. Dr. Andrea Frangi</i> Lectures: Assessment and preservation of timber structures, Rehabilitation of timber structures.</p> |
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| COMMITTEES | <p>Member of Project team "Connections" CEN/TC 250/SC5.T5 for EC5 July 2018 – <i>Present</i> European Committee for Standardization, CEN, Bruxelles, Belgium <i>Chair: Prof. Dr. Adrian Leijten</i> Area of responsibility: Enhanced ease-of-use, Glued-in rods, Brittle failure modes, Lateral load-carrying capacity (EYM)</p> <p>Swiss delegate CEN/TC 250/SC 5 Timber Structures, EN 1995-1-1 2014 – <i>Present</i> European Committee for Standardization, CEN, Bruxelles, Belgium <i>President: Univ. Prof. Dr. Stefan Winter</i> Swiss delegate and expert member in: WG 5 "Connections", WG 7 "Reinforcement", WG 10 "Basis of design"</p> <p>Member of Committee NK SIA 265 August 2015 – December 2018 Swiss Society of Engineers and Architects, Zurich, Switzerland <i>President: Prof. Dr. Andrea Frangi</i></p> |
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| SELECTION OF RESEARCH ACTIVITIES & PROJECTS | <p>Connections in Structures made of Beech Hardwood - December 2015 – Spring 2019 Additional Parameters for the Design of Structures from Hardwood Funded by: Federal Office for the Environment FOEN, Switzerland <i>ETH Zurich, Switzerland</i></p> <p>Enhance Mechanical Properties of Timber, Engineered Wood Products and Timber Structures July 2014 – December 2015 Funded by: State Secretariat for Education, Research and Innovation SERI, Switzerland <i>ETH Zurich, Switzerland</i></p> <p>Load-Carrying Capacity of Connections loaded Perpendicular to the Grain: Development of Design Procedure for Practice January 2014 – June 2015 Funded by: Federal Office for the Environment FOEN, Switzerland <i>ETH Zurich, Switzerland</i></p> <p>Structural Behaviour of Glued Laminated Timber October 2009 – September 2013 Funded by: Swiss National Science Foundation SNSF, Switzerland <i>ETH Zurich, Switzerland</i></p> |