

. // Günther H. Filz

//Curriculum Vitae

including list of lectures, exhibitions, experimental structures, scientific community services, published projects and publications

Günther H. FILZ
CV



Günther H. FILZ

Assoz.Prof. Dipl.Ing. Dr.techn. M.Eng.

Institute of Design | unit koge. Structure & Design
Faculty of Architecture, University of Innsbruck

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/CV Summary

Günther H. Filz is Architect, Engineer and Associate Professor at the Institute of Design|unit koge. Structure & Design, and Dean of Studies at the Faculty of Architecture, University of Innsbruck.

In 2000 he graduated with distinction under the supervision of Univ. Prof. Dr.-Ing. Eda Schaur from the Innsbruck University, Austria. His diploma thesis received an achievement scholarship from the University of Innsbruck and the Award of Excellence 2000 from the Ministry for Education, Science and Culture, Republic of Austria, Vienna.

He worked amongst others for Eisenman Architects in New York City. Partly in cooperation with other architects like SOM - Skidmore Owings & Merrill and Richard Meier or engineers like Buro Happold, he was significantly involved in competition designs and projects like La Ciudad de la Cultura de Galicia, Santiago de Compostela, Spain; Holocaust Memorial in Berlin; Allianz Arena Munich; Cardinals-Football Stadium Phoenix, Arizona; Ace Gallery, NYC, NY; or East River Project - ConEdison Skyscrapers, NYC, NY.

In 2002 he became Scientific Assistant at the Institute of Structure and Design, Prof. Eda Schaur. After he had completed a PhD program in architecture (Dr.techn.) with distinction under the supervision of Prof. Schaur and Prof. Graefe in 2010, he was promoted Assistant Professor (tenure track) at the Institute of Design|unit koge. Structure & Design. His PhD-thesis entitled "soft.spaces" was awarded an achievement scholarship for PhD-thesis in architecture. With the thesis "Minimal Surface based, responsive Architecture" he finished a Master of Engineering (M.Eng.) program with distinction at Anhalt University of Applied Sciences, Bauhaus Dessau, Germany, where he currently is giving lectures. Since 2015, he has also been member of the Bundesingenieurkammer Deutschland.

His research and teaching is oriented trans- and interdisciplinary and centers on the intersection of architecture, structure and geometry. His teaching addresses students of architecture and engineering on Bachelor level, Diploma/Master level and recently on PhD level. It covers design studios, seminars, exercises, lectures and the supervision of thesis projects, usually strongly involved into his research agenda.

Since the retirement of Prof. Eda Schaur in 2012 he has been taking care of administrative matters and especially the scientific agenda of the unit koge. Structure & Design. Therefore he has also been in charge of developing a new main course of lectures in "Structure and Design".

During the last 12 years his focus has been on the profound changes that selforganizing forms and processes instigate in the way architecture is thought, designed and built.



This has been led by research in selforganizing forms and processes where geometrical and structural qualities are invariably seen as an overall integrated entity which result in intelligent, innovative and sustainable lightweight structures such as membrane structures in terms of Minimal Surfaces, bending active systems, selforganized folding, bundling and branching systems, etc. as well as strategic projects such as the participation in the EU COST action -TU1303 „Novel structural skins“ as coauthor, Austrian Representative, Management Committee Member and Working Group Member or the organization of the yearly international symposia “form - rule | rule – form” that foster interdisciplinary sharing and dissemination of expertise and support new collaborations in the fields of architecture, engineering and design.

In this context Günther H. Filz has been invited as Visiting Professor, lecturer and workshop instructor at CEPT University, Ahmedabad, India, at the Rensselaer Polytechnical Institute RPI, Troy, USA, at the Centre of Excellence in Architectural Technology of the University of Tehran, Iran, at the Royal Danish Academy of Fine Arts, Copenhagen, Denmark, at IMS-Institute of Membrane and Shell Technology, Anhalt University of Applied Sciences Bauhaus Dessau, Germany and the Escuela de Arquitectura de la Universidad de Castilla-La Mancha, Toledo, Spain.

Günther H. Filz is co/editor, author and coauthor of scientific papers, articles and books. Besides his studio work, which includes won competitions, his numerous research pavilions and other scientific/artistic achievements have been widely published, exhibited and awarded. He is reviewer for symposia and congresses like the Design Modelling Symposium Berlin 2013, ICSA International Congress in Architecture and Structure 2013, Guimaraes, Portugal, 16th International Conference on Geometry and Graphics (ICGG 2014), Design Modelling Symposium Copenhagen 2015, ICSA International Congress in Architecture and Structure 2016, Guimaraes, Portugal, Structural Membranes 2017, Barcelona/Munich.

Due to his capability of linking basic research, teaching and prototypical realization with partners from the industry, Günther H. Filz has been in great demand as member of the curriculum committee at the Faculty of Architecture, University of Innsbruck, Austria (since 2010-10-02), as member of the tenure track committee at the Faculty of Architecture, University of Innsbruck, Austria (since 2013-03-01), as member of appointment committees, or as expert for reaccreditation of the master program “Membrane Structures” (Master of Engineering M.Eng.) at Anhalt University of Applied Sciences, Dessau, Germany.

Since 2013 Günther H. Filz has been Dean of Studies at the Faculty of Architecture, University of Innsbruck, Austria.

In 2015 he completed his tenure track period and was promoted Associate Professor at the Institute of Design|unit koge. Structure & Design in 2016.



/Occupational Career

01/2016 -	Associate Professor Institute of Design, unit koge Structure and Design, University of Innsbruck, Austria
03/2013 -	Vice-Dean & Dean of Studies at Faculty of Architecture University of Innsbruck, Austria
09/2012 -12/2015	Assistant Professor (tenure track) Institute of Design, unit koge Structure and Design, University of Innsbruck, Austria, o. Univ. Prof. Stefano De Martino, interim head since 2012
09/2010 -09/2012	Assistant Professor (tenure track) Institute of Structure and Design, o. Univ. Prof. Dr.Ing. Eda Schaur, University of Innsbruck, Austria
12/2008 – 03/2009	Visiting Professor, CEPT University, Ahmedabad, India Joint studio workshop with Prof. Rabindra Vasavada
10/2002 – 07/2010	Scientific Assistant Institute of Structure and Design, o. Univ. Prof. Dr.Ing. Eda Schaur, University of Innsbruck, Austria
02/2002 – 10/2002	Atelier Troppmair Architecture and Design, Innsbruck, conceptual design and supervision of design objects and buildings
02/2001 – 01/2002	Eisenman Architects, NYC, NY Department for international Competitions in Architecture e.g. Ciudad de la Cultura de Galicia, Santiago de Compostela, Spain; ConEdison Skyscrapers, NYC, NY; Allianz Arena Munich, Cardinals-Football Stadium Phoenix, Arizona; Ace Gallery, NYC, NY; Holocaust Memorial, Berlin, Germany;
10/2000 – 01/2001	Miess Architect, Innsbruck, Austria conceptual design and supervision of architecture
1998	Bartenbach Lichtlabor, Aldrans design of daylighting and artificial lighting concepts and systems - freelance collaborator model shop and light simulation
1997	F. Grießler Authorized Expert for Building Construction Matrei, Austria, freelance collaborator for conceptual design, supervision of architecture and expert`s reports
1996	Tiroler Landestheater, Innsbruck freelance collaborator for architecture and stage design



1995 – 2000 **Miess Architect, Innsbruck, Austria**
freelance collaborator in design and site supervision

/Academic Career /Education

01/2016 - **Associate Professor**
Institute of Design, unit koge Structure and Design, University of
Innsbruck, Austria

09/2012 -12/2015 **Assistant Professor (tenure track)**
Institute of Design, unit koge Structure and Design, University of
Innsbruck, Austria, o. Univ. Prof. Stefano De Martino, interim
head since 2012

10/2015 Registered Member of **Bundesingenieurkammer Deutschland,
BIngK**

02/2015 *„Minimal Surface based, responsive Architecture“*
**Master of Engineering (M.Eng.) in Membrane Structures and
Archineer® Membrane Structures Course with Distinction**
Anhalt University of Applied Sciences, IMS Institute of
Membrane and Shell Technology, Bauhaus Dessau, Germany

09/2010 -09/2012 **Assistant Professor (tenure track)**
Institute of Structure and Design, o. Univ. Prof. Dr.Ing. Eda
Schaur, University of Innsbruck, Austria

07/2010 *„Das weiche Haus _ soft.spaces“*
PhD-Thesis in Architecture with Distinction
Faculty of Architecture, University of Innsbruck, Austria
First Reviewer: o. Univ. Prof. Dr.-Ing. Eda SCHAUR
Second Reviewer: em. Univ. Prof. Dr. phil. Mag. Rainer GRAEFE

03/2009 – 02/2015 **Master of Engineering in Membrane Structures (M.Eng.) and
Archineer® Membrane Structures Course**
Anhalt University of Applied Sciences, IMS Institute of
Membrane and Shell Technology, Bauhaus Dessau-Rosslau,
Germany

2008 – 2010 **PhD/Doctoral program in Architecture**
University of Innsbruck, Austria

10/2002 – 07/2010 **Scientific Assistant**
Institute of Structure and Design, o. Univ. Prof. Dr.Ing. Eda
Schaur, University of Innsbruck, Austria

05/2000 *„Port of Venice“*



Diploma - Thesis in Architecture with Distinction

Faculty of Architecture and Engineering, University of Innsbruck,
Austria

10/1994 – 05/2000

Architecture - Diploma Study Program

Faculty of Architecture and Engineering, University of Innsbruck,
Austria

1991 – 1994

**Management and Economics - Study Program
Economical Pedagogy – Study Program**

School of Management, University of Innsbruck, Austria

1983 – 1991

Academic High School Innsbruck, (AGI)

Innsbruck, Austria

/Grants /Awards

2015

“Leaning Walls”

Nomination to **“Holzbaupreis 2015”** pro:Holz
category Art and Architecture, Innsbruck, Austria

2015

“2Landscapes”

Nomination to **“Holzbaupreis 2015”** pro:Holz
category Art and Architecture, Innsbruck, Austria

2010

Achievement scholarship for the PhD-Thesis (Leistungsstipen-
dium) in Architecture from the University of Innsbruck, Austria

2000

Award of Excellence 2000 (Würdigungspreis der Bundesminis-
terin für Bildung, Wissenschaft und Kultur 2000 der Republik
Österreich) from the Ministry for Education, Science and Cul-
ture, Republic of Austria, Vienna

1999

Achievement scholarship for the Diploma-Thesis (Leistungssti-
pendium) in Architecture from the University of Innsbruck, Aus-
tria

1998

Student of the Year - Award **“Experimental Architecture”** Uni-
versity of Innsbruck, Austria

2005

„Municipal Center Mieders“ architectural competition 1st prize
with Architekturbüro sapinski.salon

2003

„Chapel of Reflection“ architectural competition 1st prize

2002

„Olea“ architectural competition 1st prize
invited competition in collaboration with Architekturbüro
Miess



- 2000 „Municipal Office, Mieders“ architectural competition 1st prize,
invited competition in collaboration with Architekturbüro
Miess
- 2000 „Historical Courthouse“ architectural competition 1st prize,
invited competition for Architekturbüro Miess
- 1998 „Wooden pedestrian bridge over Perschling“, Lower Austria,
Honorary Mention
- 1997 „Eglo“ ideas competition for illumination, 2nd prize

/Research/ Funding/ Projects

- 2015 Filz, Günther H.; „Hybrid systems from membranes and
cablenets in the context of conventional building technologies“
Austrian Science Fund FWF –FWO, in cooperation with Marijke
Mollaert and Lars de Laet, VUB Vrije Universiteit Brussel, in
review
- 2015 Filz, Günther H.; „Campus Technik“
Funding by BIG – Bundesimmobiliengesellschaft m.b.H., Vienna,
Austria and the University of Innsbruck, Austria
- 2015 Filz, Günther H.; „FORM-RULE|RULE-FORM 2015“
LFU Research Fund, Austria.
- 2014 Filz, Günther H.: "2Landscapes", Doublelayer Gridshell
interlocked by invers Stewart-Gough-principle, Funding by the
University of Innsbruck and sponsoring by companies
- 2014 Filz, Günther H.; Kainzwaldner, Stefan: "SerlesCurl", Funding by
the University of Innsbruck and sponsoring by companies
- 2014 Filz, Günther H.; Huber, Christoph; Waldmüller, Georg:
"soundpavilion - BONANZA OPEN AIR", Funding by the
University of Innsbruck and sponsoring by BONANZA OPEN AIR-
Festival
- 2014 Filz, Günther H.; „Formen selbstbildender Faltung FSF“
Tiroler Wissenschaftsfonds (TWF), 2014, Austria. – in review
- 2014 Filz, Günther H.; „FORM-RULE|RULE-FORM 2014“
LFU Research Fund, Austria.
- 2013-2014 Filz, Günther H.; Schiefer, Simon: "Leaning Walls", sponsoring by
Firma Huter & Söhne



- 2013 Filz, Günther H.; Grasser, Georg; Clemens, Preisinger; Fa. Rieder – fibreC; “Mass Customization von FibreC”
Austrian Research Promotion Agency (FFG), Austria
- 2013 Filz, Günther H.: Co-Author of Proposal, Member of Management Committee and Participant/Representative of Austria for "**COST TU 1303 - Novel Structural Skins - Improving sustainability and efficiency through new structural textile materials and designs**". Proposer: Prof. Marijke Mollaert, Vrije Universiteit Brussel,
COST (European Cooperation in Science and Technology / Cooperation européenne dans le domaine de la recherche Scientifique et technique), Brüssel, 2013-11-05 - 2017-11-04.
- 2013 Filz, Günther H.; “Konzeption eines Landmark als Marketingstrategie”, aws – Kreativwirtschaftsscheck – erpfonds by Austria Wirtschaftsservice GmbH, Austria.
- 2013 Filz, Günther H.; “FORM-RULE|RULE-FORM 2013”
Symposium and Workshops supported by the Research Fund of the University of Innsbruck, Innsbruck, Austria.
- 2012 Filz, Günther H.; “cut.enoid.tower”, Research Fund of the University of Innsbruck, Innsbruck, Austria, Tiroler Wissenschaftsfond (TWF) and sponsoring by Gemeinde Mieders, Agrargemeinschaft Mieders, Serlesbahnen Mieders, Fa. Carl Stahl, Radiusholz – Holzbau Unterrainer, Fa. Doka, Fa. Porr, Fa. Schafferer, Fa. Felbermayr, Fa. ArtRock
- 2012 Filz, Günther, “soft.spaces from catenoids”, PEEK (FWF), 2012
- 2012 Filz, Günther, “spatial bracing with minimal surfaces”, Tiroler Wissenschaftsfonds (TWF), 2012
- 2011 Filz, Günther, “prototyping soft.spaces”, Tiroler Wissenschaftsfonds (TWF), 2011.
- 2010 Filz, Guenther; “FORM-RULE|RULE-FORM”
Jubiläumsfonds der Universität Innsbruck, Symposium and Workshops supported by the Research Fund of the University of Innsbruck, Innsbruck, Austria, 2010
- 2005 Filz, Guenther; www koge - wundersamer wolken würfel, Experimental Structure, Art Object, Sparkassenplatz Innsbruck
Funding by ZV, Sparkasse
- 2004 Filz, Guenther; Schaur, Eda; „Feuerzelt“
Experimental Structure, Unicampus Technik, Innsbruck



/Keynote /Lecture at Conference/Lecture/Workshops

Conference Lecture (Invited Plenary / Keynote Lecture)

Lecturer(s): Filz, Günther H.: Minimal Surface based, responsive Architecture - Research & Case Studies.

International Membrane Symposium, Dessau, 2015-03-22

Lecturer(s): Filz, Günther H.: Are you hunting or are you fishing for Form?

form - rule | rule - form 2015, Innsbruck, 2015-01-16

Lecturer(s): Filz, Günther H.: From Mass to Membrane.

Novel Structural Skins, Berlin, 2014-03-25

Lecturer(s): Filz, Günther: Form in Membrane Architecture – Teaching and Research. Primer Seminario Internacional de Arquitectura Textil, Madrid/Tolledo, 2011-10-27

Lecturer(s): Filz, Günther: Soft.Spaces_New Strategies for Membrane Architecture. 2nd International Conference on Architecture and Structure and “3rd National Conference on Spatial Structures” , Centre of Excellence in Architectural Technology of the University of Tehran, Teheran, 2011-05-17

Conference Lecture (Invited Lecture)

Lecturer(s): Filz, Günther H.: Low-tech or High-tech? "cut.enoid.tower" - three times two facets of irregularity.

VI. International Conference on Textile Composites and Inflatable Structural (Structural Membranes 2013), München, 2013-10-10

Lecturer(s): Filz, Günther H.: Design Driving Forces when Building high.

Highrise - Hochhäuser und Nachhaltigkeit, Innsbruck, 2012-03-13

Lecturer(s): Filz, Günther: soft.spaces_ongoing research.

lecture at DIGITAL CRAFTING, Kolding School of Design, Denmark, Workshop : Complex Membranes and the variegated Material, Seminar: Textiles and Fiber Based Materials in Architectural Construction, Digital Crafting Workshop 5, Kolding, 2011-08-24

Conference Lecture (Accepted Paper)

Lecturer(s): Filz, Günther H. *Co-author(s):* Kainzwaldner, Stefan: From 3-pint-constellations to selforganizingly folded/bent spatial configurations.

Design Modelling Symposium Copenhagen "Modelling Behaviour", Kopenhagen, 2015-09-30

Lecturer(s): Filz, Günther H. *Co-author(s):* Kumric, Ines: "Z-Snap-Pavilion" - Zip assembled, bending active pavilion by coupled straight and curved line folding.

International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam Future Visions, Amsterdam, 2015-08-19



Lecturer(s): Filz, Günther H. *Co-author(s):* Kainzwaldner, Stefan: Freedoms & limits in the arrangement of 3 point constellation on planar sheet elements, generating spatial, selforganized folded/bent forms.

International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam Future Visions, Amsterdam, 2015-08-18

Lecturer(s): Klasz, Walter *Co-author(s):* Filz, Günther H.: A Cloud for Fresh Snow - Research Lab - a hybrid solution of minimal Surface prestressed by bending active boundary conditions forming a sperical tetrahedron.

International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam Future Visions, Amsterdam, 2015-08-18

Lecturer(s): Filz, Günther H. *Co-author(s):* Naicu, Dragos I.: "2 Landscapes" - interaction of 2 gridshells based on a modivied Stewart-Gough-principle.

IASS 2015 Tokyo, IASS WORKING GROUPS 12 + 18 Joint International Colloquium on Bio-based and Bio-inspired Environmentally Compatible Structures, Tokyo, 2015-04-11

Lecturer(s): Filz, Günther H. *Co-author(s):* Kainzwaldner, Stefan: Between Bending and Folding - buckling from plane to object by 3 predefined points.

VI. Latin-American Symposium on Tension Structures (IASS-SLTE 2014), Brasilia, 2014-09-18

Lecturer(s): Filz, Günther H. *Co-author(s):* Schiefer, Simon: Forms from selfinterlocking, planar panelized catenoids – freedoms & limits.

VI. Latin-American Symposium on Tension Structures (IASS-SLTE 2014), Brasilia, 2014-09-15

Lecturer(s): Grasser, Georg; Filz, Günther H.; *Co-author(s):* Ladinig, Johannes; Maleczek, Rupert: Selforganised folding with gravity and friction as guiding concept.

6OSME - 6th International Meeting on Origami in Science, Mathematics and Education, Tokyo, 2014-08-13

Lecturer(s): Filz, Günther H.: Rapid assembly of planar quadrangular, selfinterlocking modules to anticlastically curved forms.

MARAS 2014; 4th International Conference on Mobile, Adaptable and Rapidly Assembled Structures, Ostend, 2014-06-12

Lecturer(s): Filz, Günther H.: Combined Self-Organising Systems for Spatial Net Structures.

4th Design Modelling Symposium Berlin "Rethinking Prototyping", Berlin, 2013-10-02

Lecturer(s): Filz, Günther H.: Minimal-Surface-T-Connections in Architecture.

ICSA 2013: The 2nd International Conference on Structures and Architecture, Guimaraes, 2013-07-26



Lecturer(s): Filz, Günther H. *Co-author(s):* Schiefer, Simon; Stecher, Thomas: Surface- and Mesh-based Approaches towards a Materialization of Architectural Catenoids.

ICSA 2013: The 2nd International Conference on Structures and Architecture, Guimaraes, 2013-07-26

Lecturer(s): Filz, Günther H.: cut.enoid.tower.

Tensinet Symposium 2013 - [RE]THINKING Lightweight Structures, Istanbul, 2013-05-09

Lecturer(s): Filz, Günther H.: Virtual and Physical Soft Spaces from Catenoids.

IASS-APCS Symposium 2012: From Spatial Structures to Space Structures, Seoul, 2012-05-21

Lecturer(s): Filz, Günther: soft.spaces_new Strategies for membrane architecture.

International Conference on Textile Composites and Inflatable Structures (Membranes 2011), Barcelona, 2011-10-06

Lecturer(s): Filz, Günther: minimal is maximal_soft spaces.

"Taller, Longer, Lighter. Meeting Growing Demand with Limited Resources", 2011 IABSE-IASS Symposium, London, 2011-09-22

Lecturer(s): Filz, Günther: Soft.Spaces.

IV Simposio Latinoamericano de Tensoestructuras, Montevideo, 2011-04-06

Session Chairperson / Discussant / Workshop Tutor

Filz, Günther H.: Chair and Panel Discussion: Education and research in Membrane Structures.

International Membrane Symposium, Dessau, 2015-03-21

Filz, Günther H.: Chairperson and Moderator.

form - rule | rule - form 2015, Innsbruck, 2015-01-16

Filz, Günther; Vasavada, Rabindra: Joint studio workshop, CEPT University, Ahmedabad, India, 12/2008 – 03/2009.

Filz, Günther; Markov, Ivan: Joint Elective "Morphology" online workshop, Rensselaer Polytechnical Institute RPI, Troy, USA, 02/2012 – 05/2012.

Filz, Günther; Maleczek, Rupert: Workshop-tutor "From Basic Research to Scripting in Architecture".

2nd International Conference on Architecture and Structure and "3rd National Conference on Spatial Structures", Centre of Excellence in Architectural Technology of the University of Tehran, Teheran, 2011-05-17



Lecture at Expert Conference

Lecturer(s): Filz, Günther H.; Klasz, Walter: „Leichter als Neuschnee“ - Grundlagenforschung und Case Studies der unit koge.
Neuschneesymposium, Obergurgl, Universitätszentrum, 2014-11-13

Poster Presentation

Lecturer(s): Filz, Günther: soft.spaces_analog and digital approaches to membrane architecture on the example of corner solutions. Design Modelling Symposium Berlin "Complexity and Responsibility – Computational Processes and the Physical Production of Space", Berlin, 2011-10-11

Guest Lectures

Guest Lecture

Lecturer(s): Filz, Günther H.: How to PhD - Another useless manual.
Leopold-Franzens-Universität Innsbruck - Fakultät für Architektur, Innsbruck, 2013-10-16.

Lecturer(s): Filz, Günther: Minimal surfaces.
Hochschule Anhalt, Köthen, 2010-03-09.

Lecturer(s): Filz, Günther: Minimal Surfaces in Architecture.
Hochschule Anhalt, Fachbereich Design, Dessau, 2010-03-09.

Lecturer(s): Filz, Günther: Minimal surfaces - Fundamentals for Conceptual Design.
Hochschule Anhalt, Köthen, 2009-03-06.

Individual Lectures (professional development / knowledge transfer)

Lecture (Knowledge Transfer / Further Education)

Lecturer(s): Filz, Günther; Flach, Michael: "Grundlagen des Holzbaus", Workshop.
Experimentalgelände Cantercel, La Vacquerie Saint-Martin-de-Castries, 2003-05-15 - 2003-05-21.

Presentations for the general public

Public Lecture

Filz, Günther: Soft.Spaces - Leben mit Membranen.
Lange Nacht der Forschung, Innsbruck, 2009-11-07



/Publications (printed)

(Co-)Edited Books

Anthology / Collected Edition (Editorship)

Filz, Günther H. (in press): form - rule | rule - form 2014. selforganizing forms and processes. Innsbruck: innsbruck university press (IUP).

Filz, Günther H. (2014): The seeds of the IL. Innsbruck: innsbruck university press (IUP) (= Edited volume series). ISBN 978-3-902936-22-6.

Filz, Günther; Maleczek, Rupert; Scheiber, Christian (2014): form - rule | rule - form 2013. Innsbruck: innsbruck university press (IUP). ISBN 978-32-902936-23-3.

Anthology / Collected Edition, Transfer-Oriented (Editorship)

Andexlinger, Wolfgang; Ötsch, Silke; Di Pauli, Celia; Filz, Günther; Flora, Andreas; Hallama, Doris; Mayer, Julianne; Pawle, Andreas; Peer, Irmi; Pfanzelt, Alexander; Pfleger, Michael; Troi, Valentine; Willmann, Jan (2009): foko 09 Forschungskolleg Architektur, Leopold Franzens Universität Innsbruck. Lange Nacht der Forschung 2009. Beiträge zur Ausstellung. Innsbruck: Eigenverlag - Universität Innsbruck.

Contributions to Books / Journals

Journal Article (Original Paper)

Filz, Günther H. (2012): cut.enoid.tower. Temporary Structure with Complex Geometrical and Structural Background.

In: TensiNews. Newsletter of the European Based Network for the Design and Realisation of Tensilestructures 23, p. 20.

Filz, Günther (2011): Soft.Spaces Anticlastic Minimal Surfaces as Elements in Architecture.

In: TensiNews. Newsletter of the European Based Network for the Design and Realisation of Tensilestructures 21, pp. 12 - 15.

Book Chapter (Original Paper)

Filz, Günther H.; Grasser, Georg; Ladinig, Johannes; Maleczek, Rupert (in press): Gravity and Friction-Driven Self-organized folding.

In: Koryo Miura, Tomohiro Tachi, Ryuhei Uehara, Robert J. Lang, and Patsy Wang-Iverson: Origami 6: Sixth International Meeting of Origami Science, Mathematics, and Education. Providence, RI: American Mathematical Society, ISBN-13: 978-1-4704-1874-8, pp. 459 - 470.

Filz, Günther H. (2013): Das weiche Haus soft.spaces. Antiklastische Minimalflächen als Elemente und Formensprache der Architektur.

In: Schaur, Eda: Konstruktion und Gestaltung. Neue Formwelten für Architektur.



Innsbruck: innsbruck university press (IUP) (= Edited volume series), ISBN 978-3-902811-94-3, pp. 92 - 127.

Proceedings Article (Full Paper)

Filz, Günther H.; Naicu, Dragos I. (2015): "2 Landscapes" - interaction of 2 gridshells based on a modified Stewart-Gough-principle.

In: Falk, Andreas; Vegh, Petr; Chilton, John: IASS Working Groups 12 + 18 - Joint International Colloquium 2015 on Bio-based and Bio-inspired Environmentally Compatible Structures. Final Program and Proceedings. Madrid: International Association for Shell and Spatial Structures (IASS), p. digital.

Filz, Günther H.; Kainzwaldner, Stefan (2015): From 3-point-constellations to selforganizingly folded/bent spatial configurations.

In: Ramsgard Thomsen, Mette; Tamke, Martin; Gengnagel, Christoph; Faircloth, Billie; Scheurer, Fabian: Modelling Behaviour. Lectures of the Design Modelling Symposium 2015. Cham: Springer International Publishing AG, ISBN 978-3-319-24206-4, pp. 269 - 281.

Filz, Günther H.; Klasz, Walter (2015): A Cloud for Fresh Snow - Research Lab - a hybrid solution of minimal Surface prestresses by bending active boundary conditions forming a spherical tetrahedron.

In: International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam. Future Visions. Madrid: International Association for Shell and Spatial Structures (IASS), p. elektr..

Filz, Günther H.; Kumric, Ines (2015): "Z-Snap-Pavilion" - Zip assembled, bending active pavilion by coupled straight and curved line folding.

In: International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam. Future Visions. Madrid: International Association for Shell and Spatial Structures (IASS), p. elektr..

Filz, Günther H.; Kainzwaldner, Stefan (2015): Freedoms & limits in the arrangement of 3 point constellation on planar sheet elements, generating spatial, selforganized folded/bent forms.

In: International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam. Future Visions. Madrid: International Association for Shell and Spatial Structures (IASS), p. elektr..

Filz, Günther H.; Grasser, Georg; Ladinig, Johannes; Maleczek, Rupert (2015): Selforganized folding with gravity and friction as guiding concept.

In: Kawasaki, Toshikazu; Uehara, Ryuhei; Tachi, Tomohiro; Maekawa, Jun: 6OSME - The 6th International Meeting on Origami in Science, Mathematics and Education. Tokyo: 6OSME.

Filz, Günther H.; Kainzwaldner, Stefan: Between Bending and Folding - buckling from plane to object by 3 predefined points.



In: de Oliveira Pauletti, Ruy Marcelo: VI. Latin-American Symposium on Tension Structures (IASS-SLTE 2014). Shells, Membranes and Spatial Structures: 'Footprints'. Proceedings. Brasilia, 15-19 September 2014. Madrid: International Association for Shell and Spatial Structures (IASS).

Filz, Günther H.; Schiefer, Simon: Forms from selfinterlocking, planar panelized catenoids – freedoms & limits.

In: de Oliveira Pauletti, Ruy Marcelo: VI. Latin-American Symposium on Tension Structures (IASS-SLTE 2014). Shells, Membranes and Spatial Structures: 'Footprints'. Proceedings. Brasilia, 15-19 September 2014. Madrid: International Association for Shell and Spatial Structures (IASS).

Filz, Günther H.; Grasser, Georg; Ladinig, Johannes; Maleczek, Rupert (2014): Selforganized folding with gravity and friction as guiding concept.

In: Kawasaki, Toshikazu; Uehara, Ryuhei; Tachi, Tomohiro; Maekawa, Jun: 6OSME - The 6th International Meeting on Origami in Science, Mathematics and Education. Tokyo: University of Tokyo, p. digital.

Filz, Günther H.; Schiefer, Simon (2014): Rapid assembly of planar quadrangular, selfinterlocking modules to anticlastically curved forms.

In: Brebbia, C. A.; Pulselli, R.: ECO-ARCHITECTURE V. Fifth International Conference on Harmonisation between Architecture and Nature. Southampton: WIT Press, ISBN 978-1-84564-822-0, pp. 397 - 407.

Filz, Günther H. (2013): Combined Self-Organising Systems for Spatial Net Structures.

In: Gengnagel, Christoph; Kilian, Axel; Nembrini, Julien; Scheurer, Fabian: Rethinking Prototyping - Proceedings of the Design Modelling Symposium Berlin 2013. Berlin: epubli, ISBN 978-3-8442-6845-4, pp. 159 - 175.

Filz, Günther H. (2013): cut.enoid.tower [kʌt.ənɔɪd.taʊə].

In: Bögner-Balz, Heidrun; Mollaert, Marijke; Pusat, Emre: Proceeding TensiNet Symposium 2013. [RE]THINKING Lightweight structures. Brüssel: The TensiNet Association, ISBN 9789072325068, pp. 577 - 584.

Filz, Günther H. (2013): Low-tech or High-tech? "cut.enoid.tower" - three times two facets of irregularity.

In: Bletzinger, K.-U.; Kröplin, B.; Onate, E.: Structural Membranes 2013. VI. International Conference on Textile Composites and Inflatable Structures 2013. 9-11 October 2013, Munich, Germany. Barcelona: International Center for Numerical Methods in Engineering (CIMNE), ISBN 978-84-941531-9-8, elektronisch.

Filz, Günther H. (2013): Minimal-Surface-T-Connections in Architecture.

In: ICSA 2013: The 2nd International Conference on Structures and Architecture. Guimaraes, Portugal, 24.-26.07.2013. Guimaraes: ICSA.



Filz, Günther H.; Schiefer, Simon; Stecher, Thomas (2013): Surface- and Mesh-based Approaches towards a Materialization of Architectural Catenoids.

In: ICSA 2013: The 2nd International Conference on Structures and Architecture. Guimaraes, Portugal, 24.-26.07.2013. Guimaraes: ICSA.

Filz, Günther (2012): SOFT.SPACES_Analog and Digital Approaches to Membrane Architecture on the Example of Corner Solutions.

In: Gengnagel, C.; Kilian, A.; Palz, N.; Scheurer, F.: Computational Design Modeling. Proceedings of the Design Modeling Symposium Berlin 2011. Dordrecht - Heidelberg - London - New York - Berlin: Springer, ISBN 978-3-642-23434-7, pp. 105 - 113.

Filz, Günther H. (2012): Virtual and Physical Soft Spaces from Catenoids.

In: Kim, Seung Deog: From Spatial Structures to Space Structures (IASS-APCS 2012). Seoul: Korean Association for Spatial Structures, ISBN 978-89-968907-1-3, p. digital.

Filz, Günther (2011): minimal is maximal_soft spaces.

In: International Association for Bridge and Structural Engineering; International Association for Shell and Spatial Structures: Taller, Longer, Lighter. Meeting Growing Demand with Limited Resources. 2011 IABSE-IASS Symposium, Proceedings. London: Hemming Group, ISBN 978-0-7079-7122-3, elektronisch.

Filz, Günther (2011): SOFT.SPACES.

In: Santomauro, Roberto: IV Simposio Latinoamericano de Tensoestructuras Montevideo, Uruguay. Montevideo: Uruguayan University of Architecture, elektronisch.

Filz, Günther (2011): Soft.Spaces_New Strategies for Membrane Architecture.

In: Onate, E.; Kröplin, B; Bletzinger, K.-U.: Structural Membranes 2011. V. International Conference on Textile Composites and Inflatable Structures. Barcelona: International Center for Numerical Methods in Engineering (CIMNE), ISBN 978-84-89925-57-51, elektronisch.

Filz, Günther (2011): Soft.Spaces_New Strategies for Membrane Architecture.

In: 2nd International Conference on Architecture and Structure and 3rd National Conference on Spatial Structures. Proceedings. Tehran: University of Tehran, p. 44.

Proceedings Article (Abstract)

Filz, Günther H.; Kainzwaldner, Stefan (2015): From 3-point-constellations to selforganizingly folded/bent spatial configurations.

In: Ramsgard Thomsen, Mette; Tamke, Martin; Gengnagel, Christoph; Faircloth, Billie; Scheurer, Fabian: Modelling Behaviour. Lectures of the Design Modelling Symposium 2015. Cham: Springer International Publishing AG, p. elektr..

Filz, Günther H.; Widauer, Judith; Kumrić, Ines (2015): "Z-Snap-Pavilion" - Zip assembled, bending active pavilion by coupled straight and curved line folding.



In: International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam. Future Visions. Madrid: International Association for Shell and Spatial Structures (IASS), p. elektr..

Filz, Günther H.; Kainzwaldner, Stefan (2015): Freedoms & limits in the arrangement of 3 point constellations on planar sheet elements, generating spatial, selforganized folded/bent forms.

In: International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam. Future Visions. Madrid: International Association for Shell and Spatial Structures (IASS), p. elektr..

Klasz, Walter; Filz, Günther H. (2015): A cloud for fresh snow - research lab – a hybrid solution of minimal surface prestressed by bending active boundary conditions forming a spherical tetrahedron.

In: International Association for Shell and Spatial Structures (IASS) Symposium 2015, Amsterdam. Future Visions. Madrid: International Association for Shell and Spatial Structures (IASS), p. elektr..

Filz, Günther H.; Naicu, Dragos I. (2015): "2 Landscapes" - interaction of 2 gridshells based on a modified Stewart-Gough-principle.

In: Falk, Andreas; Vegh, Petr; Chilton, John: IASS Working Groups 12 + 18 - Joint International Colloquium 2015 on Bio-based and Bio-inspired Environmentally Compatible Structures. Final Program and Proceedings. Madrid: International Association for Shell and Spatial Structures (IASS), p. 41.

Filz, Günther H.; Kainzwaldner, Stefan (2014): Between Bending and Folding - buckling from plane to object by 3 predefined points.

In: de Oliveira Pauletti, Ruy Marcelo: VI. Latin-American Symposium on Tension Structures (IASS-SLTE 2014). Shells, Membranes and Spatial Structures: 'Footprints'. Short Abstracts. Brasilia, 15-19 September 2014. Madrid: International Association for Shell and Spatial Structures (IASS), p. 24.

Filz, Günther H.; Schiefer, Simon (2014): Forms from selfinterlocking, planar panelized catenoids – freedoms & limits.

In: de Oliveira Pauletti, Ruy Marcelo: VI. Latin-American Symposium on Tension Structures (IASS-SLTE 2014). Shells, Membranes and Spatial Structures: 'Footprints'. Short Abstracts. Brasilia, 15-19 September 2014. Madrid: International Association for Shell and Spatial Structures (IASS), p. 43.

Filz, Günther H.; Schiefer, Simon (2014): Rapid assembly of planar quadrangular, selfinterlocking modules to anticlastically curved forms.

In: Brebbia, C. A.; Pulselli, R.: ECO-ARCHITECTURE V. Fifth International Conference on Harmonisation between Architecture and Nature. Southampton: WIT Press, ISBN 978-1-84564-822-0, p. 397.



Grasser, Georg; Filz, Günther H. (2014): Predicting Precise Geometry of Imprecision - the shapes of selforganized folded forms.

In: Schröcker, Hans-Peter; Husty, Manfred: Proceedings of the 16th International Conference on Geometry and Graphics (ICGG 2014). Innsbruck: innsbruck university press (IUP), ISBN 978-3-902936-46-2.

Abstract accepted – no Full Paper submission, therefore not published

Grasser, Georg; Filz, Günther H.; Maleczek, Rupert (2014): Selforganized folding with gravity and friction as guiding concept.

In: Kawasaki, Toshikazu; Uehara, Ryuhei; Tachi, Tomohiro; Maekawa, Jun: 6OSME - The 6th International Meeting on Origami in Science, Mathematics and Education. Tokyo: 6OSME, p. 138.

Filz, Günther H. (2013): Combined Selforganizing Systems for Spatial Netstructures.

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Filz, Günther H. (2013): Minimal-Surface-T-Connections in Architecture.

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Filz, Günther (2012): SOFT.SPACES_Analog and Digital Approaches to Membrane Architecture on the Example of Corner Solutions.

In: Gengnagel, C.; Kilian, A.; Palz, N.; Scheurer, F.: Computational Design Modeling. Proceedings of the Design Modeling Symposium Berlin 2011. Dordrecht - Heidelberg - London - New York - Berlin: Springer, ISBN 978-3-642-23434-7, elektronisch.



Filz, Günther H. (2012): Virtual and Physical Soft Spaces from Catenoids.
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Seoul: Korean Association for Spatial Structures, ISBN 978-89-968907-1-3, p. 137.

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Filz, Günther (2011): SOFT.SPACES.
In: Santomauro, Roberto: IV Simposio Latinoamericano de Tensoestructuras Montevideo, Uruguay. Montevideo: Uruguayan University of Architecture, pp. 14 - 15.

Filz, Günther (2011): Soft.Spaces_New Strategies for Membrane Architecture. New Strategies for Membrane Architecture.
In: 2nd International Conference on Architecture and Structure and 3rd National Conference on Spatial Structures. Proceedings. Tehran: University of Tehran, p. 44.

Filz, Günther (2011): Soft.Spaces_New Strategies for Membrane Architecture.
In: Onate, E.; Kröplin, B; Bletzinger, K.-U.: Structural Membranes 2011. V. International Conference on Textile Composites and Inflatable Structures. Barcelona: International Center for Numerical Methods in Engineering (CIMNE), ISBN 978-84-89925-57-51, elektronisch.

Journal Article in Professional / Transfer-Oriented Journal

Filz, Günther (2004): Textiler Versuchsbau: "Feuerzelt" mit Stützen aus Holz.
In: pro:Holz.

Book Chapter, Transfer-Oriented

Filz, Günther (2009): Soft.Spaces - Leben mit Membranen.
In: Andexlinger, Wolfgang; Ötsch, Silke; Di Pauli, Celia; Filz, Günther; Flora, Andreas; Hallama, Doris; Mayer, Julianne; Pawle, Andreas; Peer, Irmi; Pfanzelt, Alexander; Pfleger, Michael; Troi, Valentine; Willmann, Jan: foko 09 Forschungskolleg Architektur, Leopold Franzens Universität Innsbruck. Lange Nacht der Forschung 2009. Beiträge zur Ausstellung. Innsbruck: Eigenverlag - Universität Innsbruck, pp. 9 - 10.



/Media Contributions /TV

Newspaper Article

Filz, Günther H.; Bartos, Melanie: Spiel mit der Vielfalt.

In: wissenswert - Magazin der Leopold-Franzens-Universität Innsbruck of 2014-10-07.

Filz, Günther: Kletterturm am Fuß der Serles.

In: Immo Tirol of 2012-06-01.

TV

Schaur, Eda; Filz, Günther; Hartmann, Manuel; Mössmer, Gerhard; Hallama, Doris; Ötsch, Silke (14.10.2005)

“Auf zu neuen Ufern” („on to pastures new“), presentation of experimental, floating structures on public TV, ORF – Tirol;

/Organisation of Events /Scientific Community Services

Congress / Conference (Organization)

Filz, Günther H.: Organization, form - rule | rule - form 2015, Innsbruck, Austria, 2015-01-16 - 2015-01-17.

Filz, Günther H.: Organization, form - rule | rule - form 2014, Innsbruck, Austria, 2014-01-17 - 2014-01-18.

Filz, Günther; Maleczek, Rupert: Organization, form - rule | rule - form 2013, Innsbruck, Austria, 2013-01-07 - 2013-01-12.

Filz, Günther H.; Husty, Manfred; Maleczek, Rupert; Schröcker, Hans-Peter; Pfüner, Martin; Schadlbauer, Josef; Weber, Matthias; Wlbmer, Carina: Local Organizing Committee, The 16th International Conference on Geometry and Graphics (ICGG 2014), Innsbruck, Austria, 2014-08-04 - 2014-08-08.

Filz, Günther; Maleczek, Rupert: Organization, form - rule | rule - form, Innsbruck, Austria, 2012-01-17 - 2012-01-18.

Membership in Scientific Committee of a Conference

Filz, Günther H.: Member of the Scientific Committee, ICSA 2016: 3rd International Conference on Structures and Architecture, Guimaraes, Portugal, 2016-07-27 - 2016-07-29.

Filz, Günther H.: Member of the Scientific Committee, Design Modelling Symposium Copenhagen "Modelling Behaviour", Copenhagen, Denmark, 2015-09-28 - 2015-10-02.



Filz, Günther H.: Member of the Scientific Committee, 4th Design Modelling Symposium Berlin "Rethinking Prototyping", Berlin, Deutschland, 2013-09-28 - 2013-10-02.

Scientific / Artistic Exhibition (Organisation)

Filz, Günther H.: "Vorplatzgestaltung Campus Technik" - Ideen und Konzepte Exhibition of architectural competition (2015).

Filz, Günther H.: potenziale 2 im aut. architektur und tirol (2013).

Filz, Günther H.: Greiner, Switbert: Works of ArtEngineering. Engineering Design of Unusual Lightweight Structures (2011).

Filz, Günther: "Best of 2005", Archiv für Baukunst (2005).

/ (Key) Function, Scientific / Artistic Jury

(Key) Function in Scientific Institution / Board

Filz, Günther H.: Co-Author of Proposal, Member of Management Committee and Participant/Representativ of Austria for "COST TU 1303 - Novel Structural Skins - Improving sustainability and efficiency through new structural textile materials and designs".

COST (European Cooperation in Science and Technology / Cooperation européenne dans le domaine de la recherche Scientifique et technique), Brüssel, 2013-11-05 - 2017-11-04.

Filz, Günther H.: Expert for reaccreditation of the master program "Membrane Structures" (Master of Engineering M.Eng.) at Hochschule Anhalt, Fachbereich Architektur, Facility Management und Geoinformation. Hochschule Anhalt, Dessau-Roßlau, 2015-07-02 - 2015-07-04.

Filz, Günther H.: Dean of Studies and Vice-Dean at Faculty of Architecture. Leopold-Franzens-Universität Innsbruck – Faculty of Architecture, Innsbruck, 2013-03-01 - current.

Filz, Günther H.: Member of Tenure Track Committee - Architecture. Leopold-Franzens-Universität Innsbruck – Faculty of Architecture, Innsbruck, 2013-03-01 - current.

Member of Appointment / Curriculum / Habilitation Committee

Filz, Günther H.: Member of Curriculum Committee. Leopold-Franzens-Universität Innsbruck – Faculty of Architecture, Innsbruck, 2010-10-02 - current.



Filz, Günther H.: Member of Appointment Committee – Endowed Chair “Basics in Construction”. Leopold-Franzens-Universität Innsbruck – Faculty of Architecture, Innsbruck, 2013-09-14 - 2014-03-20.

Member of Scientific / Artistic Jury

Filz, Günther: Jury of Student competition, 4th Latin American Symposium of Tensile Structures, Montevideo, Uruguay, 2011-04-08

Filz, Günther: Jurymitglied Wettbewerb "Weitgespannte Tragwerke. Intelligent konstruieren - leicht & nachhaltig bauen".

Leopold-Franzens-Universität Innsbruck - Institut für Experimentelle Architektur, Innsbruck, 2010-03-16.

/ Academic Activities and Achievements

Artistic Exhibition

Filz, Günther H.: cut.enoid.tower at the Design- and Inventors Fair, Innsbruck (2012).

Filz, Günther H.: cut.enoid.tower, Fall Fair Innsbruck (2012).

Filz, Günther H.: cut.enoid.tower Presentation at “Jung Talents” Tirol, (2012).

Schaur, Eda; Filz, Günther; Hallama, Doris; Hartmann, Manuel; Mössmer, Gerhard; Ötsch, Silke; „Genius Loci, Vermessungen zur Architektur und Tirol“, Exhibition, AUT Architektur und Tirol, 2007.

Schaur, Eda; Filz, Günther; "Wundersamer Wolken Würfel – Cube of Clouds", Exhibition, AUT Architektur und Tirol, Premierentage 2005

Schaur, Eda; Filz, Günther; "Wundersamer Wolken Würfel – Cube of Clouds ", Exhibition, AUT Architektur und Tirol, Civil Engineer's Congress Austria, 2005

Schaur, Eda; Filz, Günther; Jenewein, David; Mössmer, Gerhard; Sommer, Gilbert: Exhibition and Presentation of Designproposals for „Universiade“, Seefeld (2004).

Schaur, Eda; Filz, Günther; Jenewein, David; Mössmer, Gerhard; Sack, Florentine; Sommer, Gilbert; "Mieders", Exhibition, Mieders 2003.

Schaur, Eda; Filz, Günther; Jenewein, David; Mössmer, Gerhard; Sommer, Gilbert; “Potenziale 2003“, Exhibition, AUT Architektur und Tirol, 2003.

Filz, Günther; et al.; “Ciudad de la Cultura de Galicia. Santiago de Compostela”, Exhibition (Eisenman Architects) at Queen Sofia Spanish Institute, 684 Park Ave., NYC, NY, 2001.

Other Artistic Activity / Experimental Structures / Prototypes

Filz, Günther H.: "Loops", Prototype examining elastically/actively bent structures from linear members, research guided teaching (2014).



Filz, Günther H.: "Pringles", Realization of an experimental Pavilion, made from actively bent members and minimal surfaces (2014).

Filz, Günther H.: "2Landscapes", Doublelayer Gridshell interlocked by invers Stewart-Gough-principle, (2014).

Filz, Günther H.; Huber, Christoph; Waldmüller, Georg: "soundpavilion - BONANZA OPEN AIR", Realization of a spatially curved "soundpavilion" for the BONANZA OPEN AIR-Festival made from actively bent, identical modules; (2014).

Filz, Günther H.: "TwoDtoThreeD", elastically/actively bent experimental structure from planar sheet elements without cutoff (2014)

Filz, Günther H.; Kainzwaldner, Stefan: "SerlesCurl", Prototype of a kinetic respectively kinematic structure – between bending and folding, realized in the context of the diploma thesis of Stefan Kainzwaldner (2014).

Filz, Günther H.; Schiefer, Simon: "Leaning Walls", Prototype as „proof of concept“, Realization of spatially curved, structurally efficient forms from planar, quadrangular, self-interlocking, wooden modules, realized in the context of the diploma thesis of Simon Schiefer (2014).

Filz, Günther H.; Dieringer, Falko: "Creating the cloud", Clusterproposal for Smart Geometry (SG) 2013 constructing for uncertainty, London, Bartlett, UK (2013).

Filz, Günther H.: cut.enoid.tower - Realization of an innovative, temporary sculpture, based complex geometrical and structural interaction (2012).

Filz, Günther H.; Maleczek, Rupert: "Tensile Clouds", Clusterproposal for Smart Geometry (SG) 2012 material intensities, Troy, Rensselaer Polytechnic Institute, USA (2012).

Filz, Günther: Student competition "Tower in Gothic Quarter, Barcelona 2011, Bohemian Hostel for Backpackers" guidance G. Filz (2011).

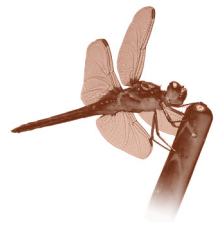
Filz, Günther H.: 11th International Student competition "Textile Strukturen für neues Bauen" embedded into the seminar "Methods of Lightweight Structures" WS 2010/2011 (2011).

Filz, Günther: International Student competition "Ideenwettbewerb Seenanlagen" in cooperation with the municipal of Diessen, Ammersee, guidance G. Filz (2008).

Filz, Günther: International Student competition "Chichen Itza 2007", guidance G. Filz (2007 - 2008).

Filz, Günther: International Student competition "Schindler Award 2006" in Paris, guidance G. Filz (2006).

Filz, Günther: International Student competition "windscape – offshore wind park", guidance G. Filz (2005).



/ Memberships and other Interests

Memberships

since 2015	Member of Bundesingenieurkammer Deutschland, BIngK
since 2011	Member of IASS (International Association for Shell and Spatial Structures) Member of SMG (Structural Morphology Group)
since 1996	Low Energy Adviser , training by Energie Tirol
since 1991	Member of the non-profit Association for Renewable Energies, Austria (ARGE Erneuerbare Energien)

Languages	German (native speaker), English, French, Latin
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other Interests

Traveling, Reading	
Sports	Mountaineering, Skimountaineering, Skiing, ...
Music	
since 2004	Conductor of different (symphonic) Wind Orchestras
since 1988	Member of different (symphonic) Wind Orchestras

Best regards,

Günther H. Filz
Assoz.Prof. Dipl.Ing. Dr.techn. M.Eng.

2016/04/07