

1971-2019 CV UNIV. PROF. DR.-ING. ARCHITECT DIRK HENNING **BRAUN**

**UNIV. PROF. DR.ENG. DIPL.ING. ARCHITECT DIRK HENNING BRAUN**

1. Rote Haag Weg 50 in 52072 Aachen, Deutschland

dhbraun@gbt.arch.rwth-aachen.de

+49 170 212 59 58

Personal Information:

07/29/1971 | married | 6 children

**ARCHITECT STRONG IN DESIGN | RESEARCH AND DEVELOPMENT FOCUS**

Multiple award-winning architect active in research and as a professor with extensive corporate experience in both founding own start-ups/spin-offs as well as the team leadership of several dozen employees. Regular involvement in the implementation of research and development projects of RWTH Aachen University. Best student of the year at the University of Stuttgart and scholarship recipient of the German Scholastic Foundation.

Internationally active with management function in various international and interdisciplinary projects in Germany, Great Britain and Australia. Implementation of numerous own construction projects between 2005 and 2018, winners of various awards. Member of the board of the VDI Society of Building and Building Technology.

**PROFESSIONAL SKILLS**

Architecture

Research and Development

Building Technology

Digital Building

Bionic-inspired building envelopes

Adaptive Textile Facades

Material and Energy in Buildings

BIM Modeling

Company Founding

Company Leadership

Communication Skills

Unerring Project Success

**PROFESSIONAL BACKGROUND**

**MAKEHOME GmbH**, Aachen, Company founder and architect, 2016 - present, establishment of the patent for segmented building elements.

- Contract research for the city of Aachen for the development of a modular building concept for up to 4,000 migrants in 2015
- Design, concept and realization of nine segments in lot size 1:1
- Composition and presentation of press releases for MakeHome as well as various others

**GBT F+E GmbH**, Aachen, Company founder, 2016 – present, establishment of various interdisciplinary planning teams in the building technology research and development company.

- Testing and documentation of the optical interactions of minimally opaque textile building materials in front of glazing with the Eye Clinic and the Institute of Textile Technology of RWTH Aachen

- Conceptual design of more than 40 small models with functional textiles as a shading system over large-area glazing
- Implementation in the Reallabor Aachen in lot size 1:1

**BRAUNARCHITEKTUR Studio**, Stuttgart, Aachen, Berlin, Company founder, Architect, 2002 – present:

- Handling of more than 150 design and construction projects worldwide as well as various awards and distinctions
- Eleven projects built in our own office from €350 thousand to €22 million, two more projects nearing completion, including:
  - RH50 Reallabor, Experimental Building, LPH01-09
  - RW15 Villa, Düsseldorf, LPH01-08
  - MEW5 House, Schwaikheim, LPH01-08
  - F7173 Housing block, Stuttgart, LPH01-08
  - ST25 House for 3 Generations, Reutlingen, LPH01-09

**FOSTER & PARTNERS**, London, Architect & Project Architect, 1999 – 2002, Participation in various international and interdisciplinary projects for companies such as Cisco Systems, McLaren Automotive and DEMAG AG.

- Winning of the peer review project for DEMAG Headquarters Germany, approx. €400 million in construction costs, as competition director
- Implementation of freeform software in the CAD office system
- Translator for Lord Norman Foster during appearances in Germany
- Collaboration on the following projects:
  - CISCO Systems, Headquarter, Munich, LPH01-03
  - DEMAG, Headquarter, Düsseldorf, LPH01-04
  - E-PLUS, Headquarter, Düsseldorf, LPH01-02
  - GERLING Insurance Company, Cologne, LPH05-08
  - DEUTSCHE BANK, Headquarter, 126 Philip Street, Sydney, LPH01-05

## ACADEMIC BACKGROUND

Chair of Building Technology at RWTH Aachen University (2011) | RWTH Aachen

Appointment as University Professor (2011) | RWTH Aachen

Principal Lecturer (2008) | De Montfort University - Leicester

Doctorate (Dr.-Eng.) summa cum laude on the thesis "Bionically Inspired Building Envelopes" (2007) | University of Stuttgart

Research associate at IBK2 (2002) | University of Stuttgart

Diploma Prof. Stefan Behling and Prof. Dr. med. Dr. h.c. Werner Sobek (1999) | University of Stuttgart

Research associate ILEK, Prof. Dr. Sobek (1996) | University of Stuttgart

Architectural Studies (1994) | University of Stuttgart

**AWARDS**

Awarded the Houses Award (2019)  
 Election as Country Representative of the Chamber of Architects BW (2010)  
 Awarded the Houses Award (2009)  
 1. PhD Thesis Prize from the University of Stuttgart (2008) University of Stuttgart  
 German Steel Construction Award (2007)  
 German Solar Prize (2007)  
 Scholarship of the German Scholastic Foundation (1996)

**MEMBERSHIPS AND EXPERTISE**

Member of Appointment Committee for Architectural Technology and Design, University of Cyprus (2019)  
 Member of Appointment Committee for Building Technology TU Dortmund (2018)  
 Chairman of the Board of Society of Building and Building Technology of the VDI (2018)  
 Member of the Steering Committee ECPE of RWTH Aachen (2017)  
 Chair of the Doctoral Commission, Faculty of Architecture, RWTH Aachen (2015)  
 Appointment as Chairman of the VDI Advisory Board for Architecture (2015)  
 Chair of Appointment Commission for Individualized Construction (2014)  
 Accreditation Commission, University of Innsbruck (2014)  
 Member of the EU Advisory Group RWTH (2013)  
 Appointment as Academic Dean of the Faculty of Architecture RWTH Aachen University (2012)  
 Expert consultancy for regional courts NRW & BW (2012)  
 Appointment to the VDI Advisory Board for Architecture (2012)  
 Scientific Committee Metu, Ankara, Turkey (2010)  
 Scientific Committee PhD, Tu Delft, Netherlands (2009)

**PATENTS**

“Modular building of slices, buildings and procedures for its construction” (German patent application 10 2016 106 929.9, applicant: Dr.-Ing. Dirk Henning Braun (2018)  
 “Flush-mounted window in triple glazing”, dt. Utility Model 20 2008 008 261.7, Applicant: Dr.- Ing. Dirk Henning Braun (2008)  
 “Laser interior engraving-sun protection”, dt. Utility Model 20 2005 017 154.9, Owner: Dr.-Ing. Dirk Henning Braun (2005)

**SHORT SUMMARY**

After an apprenticeship as a draughtsman with a focus on design, Dirk Henning Braun, born 1971, graduated in 1999 from the Faculty of Architecture at the University of Stuttgart under Prof. Stefan Behling and Prof. Dr. Dr. h.c. Werner Sobek with distinction. During his studies he worked as a scientific assistant at the Institute for Lightweight Structures (ILEK) and was admitted to the German Academic Foundation as a scholarship holder in 1996.

Until 2002, Braun worked at Foster and Partners on various international and interdisciplinary projects in Germany, England and Australia for companies such as E-Plus, DEMAG, Gerling Holding, Cisco Systems, McLaren Automotive and Deutsche Bank.

From 2002 to 2007 Braun worked at the Chair of Building Construction 2 at the University of Stuttgart and in 2008 laid the foundation stone for his further scientific development. His dissertation was published in 2008 by the University of Stuttgart with the highest award for doctorates, the 1. Academic prize of the University of Stuttgart. Since then Braun is still the first graduate of the Faculty of Architecture at the University of Stuttgart to receive this honour.

Later in the same year, Braun was appointed Principal Lecturer at the renowned DeMontfort University DMU in Leicester, UK. In 2011 he was appointed as an University Professor at RWTH Aachen University including the leadership of the Chair of Building Technology, which he continues to hold as director and full professor in the rank of an *Ordinarius* to this day. At the same time, he founded various interdisciplinary planning teams, including the Atelier **BRAUN**ARCHITEKTUR, Braun Associates GmbH, MakeHome GmbH and the company GBT F+E GmbH.

He has been awarded the German Solar Prize and the German Steel Construction Prize and was elected representative of the Stuttgart Chamber of Architects in 2010. Since then Professor Braun has been active on an honorary basis for numerous associations, including since 2015 as Chairman of the Architecture Advisory Council of VDI Germany and since 2018 as Chairman of the Executive Board of VDI Gesellschaft Bauen und Building technology. Since a few months he has been a permanent member of the Scientific Advisory Board of VDI Germany, chaired by Prof. Voggenreiter, DLR, Stuttgart.

## PUBLICATIONS

2019 - "Quality and design of the built environment" An interview with Prof. Dr.-Ing. Dirk Henning Braun, DBZ aktuell 01/19, trade journal

Brown, D. H. (author) ; Greiser, S. (editor)

2018 - Loben und Meckern - The Baunetz debates of the year, Baunetz Meldungen, Internet article from 21.12.18, Villa in Düsseldorf by BraunArchitektur is the most commented building of the year 2018

Becker, S. (author)

2017 – ENEFF: Campus Roadmap RWTH Aachen: Final report, Report doi: 10.2314/GBV: 1009837389, Müller, D.; Van Treeck, c A.; Brown, i.e.; If, D.



2016 – Bionic-inspired, folded textile concrete elements, abstract, brown, i.e.; Gries, T. (Corresponding author)

2016 – Parametric building renovation, abstract, brown, i.e.; Delete, B. (corresponding author)

2016 – coordinated energetic and functional renovation of the old building stand in individual property, abstract, Brown, i.e. (corresponding author)

2016 – Bionic inspired sensor concept, abstract, brown, i.e.; Korfmacher, A. (corresponding author)

2016 – Thinking Skins – warm-bot building envelopes, abstract, brown, i.e.; P. (corresponding author)

2016 – Recycling-based construction and design, abstract, brown, i.e. (corresponding author)

2016 – Hybrid architecture-hybridization of architectural subsystems, abstract, brown, i.e.; Pälme, C. (corresponding author)

2016 – Thermodynamic energy generation in building facades, abstract, brown, i.e.; Bader, B. (corresponding author)

2016 – Off-grid energy system-hybrid energy system, brown, i.e.; Althoff, E. (corresponding author)

2016 – Algae skin, extended abstract, brown, i.e.; Althoff, E. (corresponding author)

2016 – Bionic Skin – Disartificialising architecture, extended abstract, brown, i.e.; Inhofer, p. (corresponding author)

2016 – Bringing architecture to live, conference presentation, Braun, I. E.; Inhofer, p. (corresponding author)

2015 – “Integral thinking, teaching and building” a conversation with Prof. Dr.-Ing. Dirk Henning Braun, DBZ Online 2015 (9), Journal article (interview), Brown, i.e. (interviewee); Greiser, S. (interviewers); Cheerful, B. (interviewer)

2015 – RWTH Aachen: A cross-curricular platform for the building of the future, building technology, indoor climate: GI 02, Journal article, van Treeck, C. (corresponding author); Brown, i.e.; Müller, D.; Tingle, M.

2013 – Disartificialisation of architecture – bringing life into future architecture, Riga Technical University 54th International Scientific Conference, Riga, Latvia, conference proceedings, Braun, D. H.; Inhofer, p. (corresponding author)

2013 – Bringing life into future architecture/disartificializing architecture, beyond the limits of Man: IASS 2013 Symposium, Wrocław, Poland, conference proceedings  
Brown, i.e.; Inhofer, p. (corresponding author)

2013-Adaptive skins-adaptive and Autoreactive building Facades,  
Advanced Building Skins: 8th Energy Forum, Bressanone, Italy, conference proceedings, Braun, i.e. (author); Bader, B. (author)

2013-Adaptive skins-adaptive and Autoreactive building Facades,  
Beyond the limits of Man: IASS 2013 Symposium, Wrocław, Poland, conference proceedings  
Brown, i.e. (author); Bader, B. (author)

2013 – Thinking Skins – Swarm-Bot building envelopes,  
Beyond the limits of Man: IASS 2013 Symposium, Wrocław, Poland, conference proceedings  
Brown, i.e. (author); P. (author)

2013 – Parametric Databases as design tool for architects,  
Advanced Building Skins: 8th Energy Forum, Bressanone, Italy. Economic Forum, Conference proceedings  
Brown, i.e. (author); Thierfelder, M. (author)

2010 – Set for the future-multi-generational house in Reutlingen,  
The best detached houses of the 21st Century: Germany-Austria-Switzerland [houses award 2010], Book contribution  
Brown, i.e.

2009 – 100% renewable energy use, green houses – single family homes-sustainable, ecological, energy efficient, book contribution to ST25 multi-generation house in Reutlingen, Callwey Verlag, Munich  
Braun, D. H., Hegger, M. (eds.), Schäfer, I. (eds.)

2008 – Residential buildings in Stuttgart, energy efficient building = energy efficient buildings, book contribution  
Brown, i.e.

2006 – Facades of the future, bionics in construction, book contribution



Brown, i.e.

2004 – Bionic inspired building skins, first International Industrial Conference Bionics 2004, Hannover Messe, Germany, conference proceedings

Brown, i.e.

2010 – Bionics for architects and engineers, German construction time, DBZ-the draft “experts explain”, DBZ + BAUcolleg, Munich, journal article

Greiser, S.

2010 – The best detached houses of the 21st century. Germany, Austria, Switzerland, publication on ST25 multi-generation house in Reutlingen, houses-award 2010, Callwey Verlag, Munich, journal article, Wippermann, p.; Hintze, B.

2009 – Driven by nature. Block 2 bionics in construction, conference proceedings  
Of the first Darmstadt Engineering Congress, Journal article

Brown, i.e.; Linke, J. (eds.)

2009 – Bionic inspired material systems, outlines, magazine  
For the culture, publishing Group Wiederspahn, 9th year,  
Issue 4 (2009), Journal article

Miller, J.

2009 – The best single-family houses in concrete ST25, Callwey Verlag,  
Journal article

2009 – Haus ST25, Reutlingen in glass, architecture and technology,  
Glass 02/2009, Journal article

Brown, J.

2009 – ST25 Ceramic Concrete Precast, concrete and Fertigtei Yearbook 2009,  
Verlag, 57. Issue, Journal article

Jack, A.

2009 – Multi-purpose hall in the new Luna-Park in Berlin Tegel, Schinkelwettbewerb, Tu Berlin,  
Architectural Museum, CAD-drawing, plot coloured on paper

Brown, i.e.

2008 – High-rise buildings of the future, Stuttgart News online from 22.07.08, interview  
Rosen, W.

2008 – High-rise buildings with revolving floors by David Fischer, Florence Black Forest Messenger from  
26.06.08, interview  
Rosen, W.

2008 – Built in the sky, editorial “NewEnergyHome”, articles from  
22.07.08, [www.newenergyhome.forumup.org](http://www.newenergyhome.forumup.org), Journal article

2008 – “Bionic-inspired building envelopes”, dissertation Universität Stuttgart, <http://elib.uni-stuttgart.de/opus/volltexte/2008/3614>  
Brown, i.e.

2008 – Daring Visions-the architecture of the future, Deutsche Welle article from 28.03.08, [Www.dw-world.de](http://www.dw-world.de), Journal article

2008 – Statement on energy-efficient construction,  
DBZ the draft, Journal article  
Brown, i.e.

2008 – Multi-generational house in Reutlingen, house ST25 Reutlingen, building network Wissen.de,  
Internet article from June 10, June

2008 – Seven people plus X, House ST25 Reutlingen,  
Baunetz.de, Internet article from the 21  
Kietzmann, N.

2008 – Swabian Masterpiece, Haus ST25 Reutlingen,  
Designline Living Internet Magazine for product and interior design,  
[Www.designlines.de](http://www.designlines.de), Internet article from the 15.  
Kietzmann, N.

2008 – Architects Profile 2009/2010, Birkhäuser Verlag, Journal article,  
Rockel, R.; Dinter, E.

2008 – Press release 05/08 Steel Construction Award  
Demmer, A.

2008 – Huis ST25 Reutlingen, produits, AWM 08/08, Journal article

2008 – Falkertstraße 71-73 in Stuttgart West, residential houses in Stuttgart, AW 214 architecture and contests, Journal article

2008 – Driven by nature, adaptive bionic skins for building  
Facades of tomorrow, IASS Acapulco, Mexico, conference proceedings  
Brown, i.e.

2008 – German Solar Price 2007, Eurosolar European Association for Renewable Energies e.v. message from 20 May

2008 – Passive houses in Stuttgart, report Falkertstraße 71-73 in Stuttgart West, DBZ 12/2007, Journal article

2008 – Assembly Centre ESTA, industrial construction 070712, journal article

2008 – Assembly Centre Esta in send, glass, architecture and  
Technik 05/2007, E 13910 October/November 2007, Journal article  
Gallagher, T.

2007 – Inspired by nature, adaptive cladding systems for extremely vertical building structures at the ASCAAD 2007 Cairo, Conference proceedings  
Brown, i.e., Teuffel, p.

2007 – Morgendagens Skyskraberm, Arkitekten 07/07, Journal article  
Post Office, H.C.

2007 – Logic follows nature, Fraunhofer technical information, Journal article  
Brown, i.e.

2007 – 126 Phillip Street, Sydney, AA-Australian architecture: Foster and partners

2007 – about the architect Dirk Henning Braun and the project Falkertstraße 71-73 in Stuttgart West, Stuttgart newspaper vom 08.12.2007  
G.

2006 – Tools from nature, ever higher with bionic tricks, Technology Review 11/2006, Fokus, Heise Verlag, Journal article  
Szentpétery, v.



2006 – Architects Profile 2007/2008, Birkhäuser Verlag, Journal article,  
ISBN 10:3-936560-41-2  
Rockel, R.; Dinter, E.

2006 – 1000 x European architecture, publishing House Braun, Journal article, ISBN 978-3-938780-10-7  
S.

2006 – New Olympics, new shell and spatial structures, IASS-APCS 2006 Beijing: IASS Symposium-APCS  
Conference, Conference proceedings

2006 – 28th Darmstadt Massif Construction Seminar, conference proceedings  
Brown, i.e.

2005 – The Skin – magazine, editorial and lead article “Adaptive Cases and Skins”, Architecture Bau  
Forum Vienna, Supplement  
Brown, i.e.

2005 – Young architects, capital offspring, Dab 12/2005, Journal article  
Pietzker, A.

2005 – Bionics Skins III – Summer semester 2005, seminar report  
Behling, S., Brown, i.e.

2004 – “Interactions”, Yearbook of Teaching and Research of the University of Stuttgart  
Behling, p.; Seger, p.; Volz, T.; Fuchs, A.; Strong, T.; Brown, i.e.

2004 – Bionics Skins II – Summer Semester 2004, seminar report  
Behling, S., Brown, i.e.

2004 – Bionic inspired building envelopes, progress reports VDI, Series 15, No. 249 First International,  
industrial Conference Bionik2004, Conference proceedings  
Brown, i.e.

2003 – Architectural scenes in Germany – Stuttgart, Arch +, journal article  
Pietzker, A.

2003 – Innovative Glass constructions, part I,  
Architecture Bau Forum, Vienna, journal article  
Brown, i.e.

2003 – Logic follows nature, a commentary on the current bionics  
Architecture Bau Forum, Vienna, journal article  
Brown, i.e.

2003 – Logic follows nature, a leading article on the relationship between architecture and bionics, glass,  
architecture and technology, Journal article  
Brown, i.e.

2003 – Bionics Skins – Summer Semester 2003, seminar report  
Behling, S., Brown, i.e.

2001 – The Great Book of Bionics, draft new opera Oslo, Norway,  
Book Contribution  
Birch, p.; Brown, i.e.; Nightingale, W.

2001 – Young Talents-33 selected diploma theses, diplomas and games, Prof. Behling, Prof. Dr. Sobek,  
Arch +, January 2001, 154/155, Journal article  
Brown, i.e.

2001 – Bread and games  
Arch + 154/155, Journal article  
Brown, i.e.

2000 – AJ-Architectural journal, 12/2000, London, Journal article  
Brown, i.e., Teuffel, p, Goldack, A.

2000 – Interreligious spaces, art and Church, 2/2000, Journal article  
Brown, i.e.

2000 – “Cult”, 2nd Draft, Prof. Podrecca,  
DB German period, 1/2000  
Brown, i.e.

1997 – Pavilion of the Air, Project 3rd semester, Prof. Podrecca,  
Yearbook of the University of Stuttgart  
Brown, i.e.

1996 – Solar Workshop, intermediate diploma, Prof. Behling

AIT-Special 12

Brown, i.e.

## LECTURES

Since 2015 numerous lectures in Germany and abroad

2019 - Lecture at the GUC in Cairo, Egypt, at the invitation of Prof. Dr. Ashraf Mansour, Mai 27th

2015 – Fuel processing for fuel cells in mobile and stationary applications,  
AIChE Annual Meeting Salt Lake City, November 10th, 2015

2014 – Lecture at the TU München on the topic “Visionary adaptive Architecture” at the invitation of  
Prof. Tina Wolf, Department of Facade constructions, Tu München

2010 – Lecture at the 3rd International Architect’s Congress in the Congress center of Messe Düsseldorf  
in the context of the GLASTECH 2010 on the subject of “adaptive architecture” at the invitation of Prof.  
Dr.-Ing. Ulrich Knaack,  
TU Delft

2014 – Presentation at Festo on the topic “Visionary Biomimetic Architecture” on  
Invitation of Research Director Dr. W. Stoll, Festo AG, Esslingen

2013 – Lecture at the TU Darmstadt on the topic “Adaptive Architecture”  
Invitation of Prof. Jo Eisele, Department of Building construction, TU Darmstadt

2013 – Lecture at the Austin University of Texas on the topic “Advanced  
Building Technologies” at the invitation of Prof. Dangel, Department  
Architecture Construction, University of Austin Texas, USA

2012 – Lecture “Lunchtimelecture” at the Academy of Fine Arts  
Stuttgart on the subject “Adaptive!” at the invitation of Prof. Tobias Walliser,  
Department of Digital Design, Academy of Fine Arts,  
Stuttgart

2012 – Lecture at Peking University on the topic of “Intelligent building  
Skins” by invitation of Professor Chang, head and professor, Department  
of architecture, Peking University, China

2012 – Lecture at the University of Melbourne as part of the workshop



“Adaptive Architecture” on “responsive Technologies in the Architecture” At the invitation of Prof. Ekkehardt Hertzsch, Department Building construction, University of Melbourne, Australia

2011 – Lecture at the Tu München in the context of the draft “Adaptive!” Theme “Adaptive Architecture” at the invitation of Prof. Tina Wolf, Department Facade Constructions, Tu München

2010 – Lecture at the Clemson School of Architecture, Genoa, Italy Topic “Advanced Building Technologies” at the invitation of Prof. Bernhard Sill, CSA Genoa, Italy

2009 – Lecture at the Tu Dortmund on the topic of sustainable building and Design “At the invitation of Prof. Peter Kahl, Institute of Building Construction, Tu Dortmund

2009 – Lecture at the “1st Darmstadt Engineering Congress” at the TU Darmstadt on the topic “Architecture Technologies of Tomorrow” by invitation By Prof. Stefan Schäfer, Institute for Solid Construction, Department of Design and construction, FB13, TU Darmstadt

2009 – Opening lecture at the “Particle foam 2009” in Aachen on the subject, “Inspired by nature-adaptive heat insulation on the model Nature” at the invitation of VDI Germany

2009 – Lecture on “Flat Glass Day 2009” in Minden on the topic “Laser technology in glass processing” at the invitation of Andreas Wienkamp, managing director Cerion GmbH, Minden

2009 – Lecture at the “9th Enadii Mexico 2009” (Encuentro Nacional de Architecturae Interiors) in Mexico City, Mexico, by invitation of Benjamin Mollina Valencia, CEO Enadii Mexico

2009 – Lecture at the international BOUWBEURS in Utrecht on the topic Inspired by nature by the invitation of Prof. Dr. Mike Eeckhout, tu Delft

2008 – Lecture at the DeMontfort University of Leicester, UK, on the topic “Integrative Building design of Tommorrow” at the invitation of Prof. Dr. Hassan Abdalla, Dept. Architecture and Design, DMU, Leicester

2007 – Presentation at the Stuttgart Real Estate Fair Property & Living  
On the topic of “Ecology and economy-passive plus house standard in  
Residential building “in cooperation with Hans-Dieter Brand,  
Managing director North-south-Investment GmbH

2007 – Lecture at the University of Kassel on the topic “Natural Skins-future”  
Building Skins “by invitation Prof. Dipl.-Ing. Georg Augustin from the Institute  
For architectural design, FB06

2007 – Lecture at the TU München on the topic “Natural cases and skins  
For building structures of tomorrow “at the invitation of Prof. Dr. Gerhard  
House Shop from the Institute of Bauklimatik and Building technology, FAK.  
Architecture

2006 – Lecture at the IASS-APCS 2006 Beijing: IASS Symposium-APCS  
Conference “New Olympics, new shell and spatial structures” to  
Theme “Bionically inspired building Skins” at the invitation of Prof. Sun,  
BEIJING, China

2006 – Lecture at the Chamber of Architects of Baden-Württemberg in the framework  
Of the 30-year-old record of the Institute for training on the subject of  
“Bionic-inspired building envelopes-facades of the future” by invitation  
Of the architect Chamber President Riehle

2006 – Lecture in the framework of the “28th Darmstadt Massif Construction Seminar” at the  
University of Darmstadt on the theme “The façade of the future” by invitation  
Prof. Stefan Schäfer, Institute for Solid Construction, Department of  
Design and construction, FB13, TU Darmstadt

2005 – Lecture at the symposium “Fassade05” on the topic “Bionics  
And the façade of the future “at the Hochschule Detmold on invitation  
by Prof. Dr. Ulrich Knaack, tu Delft and FH Detmold

2004 – Lecture at the “First International Industrial Conference Bionik2004”  
On the Hannover Fair 2004 on the subject: “Bionic inspired building envelopes” by invitation of Prof. Dr.  
Nightingale, President of the Society for Technical Biology and Bionics, Saarbrücken

2004 – Presentation on the topic “Changing envelopes” at the Institute of Housing  
and design, University of Stuttgart, at the invitation of Prof. Dr. Wolf

Reuter, Institute of Housing and Design, Tu Stuttgart

2004 – Lecture at the Academy of Fine Arts AK Stuttgart on the topic “Bionics and the façade of the future” at the invitation of Prof. Dr.

Stefan Engels Mann, AK Stuttgart