

Publications and Presentations

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List of Publications

2020

- Pottgiesser, U. [edit.], Jaschke, F., Zitzmann, D. [edit.] (2020). Approaching 20th Century Typologies. DO-COMOMO Germany Series – Volume1, Selected Papers from the 16th DOCOMOMO Germany, 3rd RMB Conference, 1st March, 2019, Berlin, Germany. DOCOMOMO Germany, TH OWL, Detmolder Schule für Architektur und Innenarchitektur, 2020, 160 pages (in preparation).
- Kousa, C., Pottgiesser, U. (2020). Sustainable design concepts for traditional residential architecture in the Old City of Aleppo after the Syrian Civil War. VLC arquitectura. Manuscript (submitted).
- Pottgiesser, U., Ayòn, A. (2020). Heritage matters. Building Envelope Improvements. Intervention Strategies for Post-War Modern Facades. FTI World Congress, March 2020, Los Angeles, USA (Accepted for presentation and publication).
- Kousa, C., Dragutinovic, A. (2020). Mitigating mass housing obsolescence: Reuse of common spaces Common spaces as a tactic for revitalizing mass housing and liveability. 16 IDC International Docomomo Conference, September 2020, Tokyo, Japan (Accepted for presentation and publication)

2019

- Kousa, C., Pottgiesser, U. (2019). [Post Syrian-war material recovery, reuse and transformation in the Old City of Aleppo](https://doi.org/10.1108/JCHMSD-07-2019-0085). Journal of Cultural Heritage Management and Sustainable Development. <https://doi.org/10.1108/JCHMSD-07-2019-0085>
- Ayon, A., Pottgiesser, U., Richards, N. (2019). Reglazing Modernism. Intervention Approaches for 20th Century Icons. Basel: Birkhäuser. 228 pages.
- Alston M. E., Pottgiesser U., Knaack U. (2019): [Bio-inspired transparent microfluidic platform as transformable networks for solar modulation](https://doi.org/10.7480/JFDE.2019.1.2785). Journal of facade design and engineering - ISBN 978-94-6366-127-0 - 7:1(2019), p. 89-100.
Full text (DOI uitgever): <https://doi.org/10.7480/JFDE.2019.1.2785>. Full text (open access): <https://repository.uantwerpen.be/docman/irua/a0f69e/159629.pdf>. [c:irua:159629]
- Melenhorst, M., Pottgiesser, U., Kellner T., Jaschke, F. [edit.] (2019). [100 years Bauhaus : what interest do we take in Modern Movement today? 16th DOCOMOMO Germany, 3rd RMB Conference, 1st March, 2019, Berlin, Germany](https://doi.org/10.25644/ehew-9179). Hochschule OWL, Detmolder Schule für Architektur und Innenarchitektur, 2019, 475 pages.
Full text (DOI uitgever): <https://doi.org/10.25644/ehew-9179>. [c:irua:159630]

[Dragutinovic Anica](#), Pottgiesser U., Melenhorst M. (2019). [The minimum dwelling : new Belgrade flat and reflections on the minimum today](#). 100 years Bauhaus : what interest do we take in Modern Movement today? 16th DOCOMOMO Germany, 3rd RMB Conference, 1st March, 2019, Berlin, Germany / Melenhorst, Michel [edit.] - Hochschule OWL, Detmolder Schule für Architektur und Innenarchitektur, 2019, p. 352-365. [c:irua:159631]

2018

Luible A., Gosztonyi, S. et al. [edit.] (2018). Facade 2018 - Adaptive! Proceedings of the COST Action TU1403 – Adaptive Facades Network Final Conference. TU Delft Open, 2018, 510 p. Full text (open access): <http://tu1403.eu/wp-content/uploads/Vol%203-3%20linked%20for%20web%201123.pdf> [c:irua:155196]

Pottgiesser U., Knaack U., Louter C., Luible A., Konstantinou T., Metcalfe D., Henriksen T. [edit.] (2018). Dissemination, Future Research and Education – Adaptive Facade Network. TU Delft Open, 2018, 197 p. (ISBN 978-94-63661-12-6). Full text (open access): http://tu1403.eu/wp-content/uploads/COST_endconference2018_webversion.pdf and <https://books.bk.tudelft.nl/index.php/press/catalog/book/673> [c:irua:155198]

Knaack U., Klein, T., et al. [edit.] (2018). Special Issue FAÇADE 2018 – Adaptive! Journal of Façade Design and Engineering (JFDE), Vol 6 No 3 (2018). TU Delft Open, 2018. ISSN: 2213-3038 online. Full text (open access): <https://doi.org/10.7480/jfde.2018.3>. [c:irua:155199]

Dragutinovic A., Pottgiesser Uta, De Vos Els (2018). (Un-)sustainability of the concrete mega-blocks in new Belgrade : potentials of prefabricated modern structures for transformation. Metamorphosis: the Continuity of Change : 15th International DOCOMOMO Conference, August 28-31, 2018, Ljubljana, Slovenia - 2018, p. 187-195. [c:irua:152328]

Vedula Nitisha, Aelenei Laura, Pottgiesser Uta (2018). Designing adaptive facades with a new holistic eco-design approach. Proceedings of the COST Action TU1403 : Adaptive Facades Network Final Conference: Facade 2018 - Adaptive! 26-27 November, 2018, Lucerne, Switzerland / Luible, Andreas [edit.] - TU Delft Open, 2018, p. 465-471. [c:irua:155197]

Kirch Christoph, Mix Sabrina, Schulz Jens-Uwe, Pottgiesser Uta (2018). Eco Silence: Entwicklung eines ökologisch optimierten Raum-in-Raum-Systems für den Office-Bereich. Fortschritte der Akustik, DAGA 2018 : 44. Deutsche Jahrestagung für Akustik, 19.-22. März, 2018, München, Deutschland - ISBN 978-3-939296-13-3 - Berlin, DEGA, 2018, p. 675-678. [c:irua:151313]

2017

Melenhorst M., Pottgiesser U., Naumann C., Kellner T. [edit.] (2017). Resilience : Detmold Conference Week 2017: proceedings. Detmold, Detmolder Schule für Architektur und Innenarchitektur. [c:irua:147548] (ISBN 978-3-939349-27-3).

Knaack U., Pottgiesser U [edit.] (2017). efnMOBILE 2.0: efficient envelopes. TU Delft Open, 2017, 192 p. (ISBN 978-94-92516-87-9).

Full text (open access): <https://repository.uantwerpen.be/docman/irua/031a68/147549.pdf> [c:irua:147549] and <https://books.bk.tudelft.nl/index.php/press/catalog/book/isbn.9789492516879>

Kirch, C., Pottgiesser, U. (2017). Developing Sound Absorbers for Health Facilities. How to meet hygienic and acoustic Requirements in one Product. In: In: Brotas, L.; Roaf, S. and Nicol, F. Proceedings PLEA 2017. Design to Thrive Vol III. Edinburgh: NCEUB pp 4771-4778 (ISBN: 978-0-9928957-5-4)

Naumann, C., Höhmann, U. and U. Pottgiesser (2017). An Analysis Tool to match Home environmental Interventions to the specific Needs of People with Dementia. In: Brotas, L.; Roaf, S. and Nicol, F. Proceedings PLEA 2017. Design to Thrive, Vol III. Edinburgh: NCEUB, pp 4693-4700 (ISBN: 978-0-9928957-5-4).

Masic, A., Pottgiesser, U., de Vos, E.; Melenhorst, M. (2017). Modernism in Belgrade: Building Envelopes of Modernist Housing Buildings 1919-1980. Proceedings of WMCAUS 2017 - World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium. Prague 12-16 June 2017.

2016

- Ayon, A.; Pottgiesser, U. (2016). Reglazing Modernism. The American and European Experience with Steel Frame Assemblies to Date. In: Proceedings of the Facade Tectonic World Congress 2016. Book of Abstracts. Los Angeles 11-13 October 2016.
- Kirch, C; Pottgiesser, U. (2016). Low and mid Frequency Design - Implementation of Room Acoustics in different Building Types and for different Kinds of Use. In: Kropp, W., Proceedings of the Inter-Noise 2016. Hamburg, Germany, August 21-24 2016, Berlin: Deutsche Gesellschaft für Akustik e.V.
- Pottgiesser, U., Kirch, C. (2016). Acoustic Optimisation by Office and Facade Design: Case Studies based on Experiments and Simulations. Proceedings of PLEA2016. Passive and Low Energy Architecture. Book of Abstracts. Los Angeles 11-13 July 2016.
- Knaack, U.; Pottgiesser, U.; Böke, J.; Ernst, M. (2016). Imagine 09. Prototyping efnMobile. Rotterdam: nai010 publishers, 106 p. (ISBN 978-94-6208-291-5).
- Pottgiesser, U., Ashour, A. (2016). Emerging Envelopes: Design Education for adaptive and sustainable Facades. Proceedings of SBE 16 - International Conference on Sustainable Built Environment. Book of Abstracts. Hamburg 8-11 March 2016.

2015

- Pottgiesser, U. (2015). Konzepte statt Prognosen. In: Schüco International KG, Heusler, W. (ed.) Zukunftsstadt 2050. Futury City 2050. München: Institut für Architekturdokumentation.
- Pottgiesser, U. (2015). Baukonstruktion – Innenausbau. In: Holschemacher, K. (Hg.) Holschemacher Baupläne für Architekten. 7. Auflage, Berlin: Beuth-Verlag, 30 p. (ISBN: 9783410232841, E-Book ISBN: 9783410232858).
- Pottgiesser, U. (2015). Innenausbau – Raumbildender Ausbau. In: Ghanem, Y. Al, Rossbach, Jörg (Hg.) Baubetrieb Praxis kompakt. Berlin: Beuth Verlag, 58 p. (ISBN: 9783410217251, E-Book ISBN: 9783410227137).
- Pottgiesser, U., Kirch, C. (2015). Improving Room Acoustics in open-plan Offices. Testing the Relationship of acoustical and visual Distraction at Workspaces with sound-masking Systems. In: Proceedings of PLEA2015 Architecture in (R)Evolution - Book of Abstracts. 31st International PLEA Conference. Bologna Ass. Building Green Futures. (ISBN: 978-88-941163-0-4).
- Pottgiesser, U., Hemmerling, M.; Böke, J. (2015). facade2015. Computational Optimisation. Proceedings; HS OWL, Detmolder Schule für Architektur und Innenarchitektur, Detmold. (ISBN: 978-3-939349-23-5).

2014

- Doleschal, R.; Pottgiesser, U.; Akhilesh, K.B.; Kabre, C.; König, K. (2014). "Integrating User Awareness and Behavior into Building and Product Design for India: Survey in Eight Giant Cities in India", In: Proceedings 30th International PLEA Conference. Ahmedabad: India. (ISBN: 9789383184026).
- Martau, B. Tschiedel; Silva, F. Duro da; Pottgiesser, U. (2014). "Estratégias de intervenções para requalificação e valorização do patrimônio arquitetônico moderno: estudo de caso no edifício da smov em porto alegre", In: Proceedings of 5th seminar DOCOMOMO Norte/Nordeste. Fortaleza: Brazil, 2014.
- Kabre, C.; Pottgiesser, U. (2014). "A Review of Influences of Modern Movement Architecture on today's Façade Design in tropical Climate of India", In: Proceedings 13th International DOCOMOMO Conference. Seoul: DOCOMOMO Korea, 2014. (ISBN: 9791195362509).
- Dill, A.; Pottgiesser, U.; Tomlow, J. (Ed.) (2014). "Perceived Technologies in the Modern Movement." Proceedings of 10. Karlsruher Tagung and 13th DOCOMOMO International Technology Seminar in cooperation with International Scientific Committee of Technology (ISC-T). Zittau: Graphische Werkstätten Zittau GmbH. (ISBN: 9783929744897).

2013

- Kabre, C.; Pottgiesser, U. (2013). "Education for sustainable Architecture: Experiences from a transnational Design Studio", In: ABACUS, Vol. 8, No. 2. Jharkhand, India, July 2013. (ISSN: 0973-8339).
- Pottgiesser, U.; Ashour, A. (2013). „Design vs. Development: neue Ansätze. In: Innovative Fassadentechnik 2013. Berlin: Ernst & Sohn Special, September 2013. (A 61029).
- Pottgiesser / Knaack / Böke (Ed.) (2013). "facade2013. Development vs. Design." Proceedings; HS OWL, Detmolder Schule für Architektur und Innenarchitektur, Detmold 2013. (ISBN: 9783939349211).

- Pottgiesser, U.; Strauß, H. (ed.) (2013). "Product Development and Architecture. Visions, Methods, Innovations." Boston, Basel: Birkhäuser, 2013. (ISBN: 9783034608411)
- Doleschal, R.; Pottgiesser, U. (2013). "Innovation and Implementation of Climate Related Energy Efficient Building Design in India", In: Akhilesh, K.B. (Ed.) Emerging Dimensions of Technology Management. Vienna: Springer, 2013. p. 121-134. (ISBN: 9788132207917)

2012

- Pottgiesser, U.; Wiewiorra, C. (2012). „Entwurfs- und Planungshilfe: Raumbildender Ausbau“, Berlin: DOM-Publishers (ISBN: 9783869221557)
- Kirch, C.; Pottgiesser, U. (2012). „ACOUSTIC. Raumakustische Systeme für Büro-, Gewerbe- und Industriebauten im Vergleich.“ In: AIT 10.2012, Leinfelden-Echterdingen, Germany: Verlagsanstalt Alexander Koch GmbH. (ISSN: 01738046)
- Pottgiesser, U. (2012). "Monuments of Industry and Infrastructure as a challenge for re-use!" In: Proceedings 12th International DOCOMOMO Conference. Helsinki/Espoo: DOCOMOMO Finland, 2012. (ISBN: 9789529323005)
- Kabre, C.; Pottgiesser, U.: "Climate responsive façades for public buildings in tropical Climates." In: Proceedings VI International Congress on Architectural Envelopes, Donostia-SanSebastián, Spain, 2012.
- Kabre, C.; Pottgiesser, U.; Sharma J. P. (2012). „Energy Efficient Design of Building & Cities“, Proceedings. Murthal / Detmold: DCRUSTM / HS OWL, 2012.

2011

- Pottgiesser, U.; Knaack, U., Strauß (Ed.) (2011). "facade2011. Super Green." Proceedings; HS OWL, Detmolder Schule für Architektur und Innenarchitektur, Detmold 2011.
- Pottgiesser, U. (2011). "Umweltbundesamt am Bismarckplatz in Berlin. Federal environment Agency at Bismarckplatz in Berlin." In: Jahrbuch Bau und Raum 2010/11. Yearbook Building and Space 2010/11. Bundesamt für Bauwesen und Raumordnung (Hg.), Bonn: Selbstverlag des BBR. 2011, p. 166-169. (ISBN: 9783879947867)
- Pottgiesser, U. (2011). "Interior Design as an Academic Discipline in Germany." In: Journal of Interior Design 36(4), Hoboken, USA: Wiley-Blackwell, 2011, p. v–xiv. (ISSN: 19391668).
- Strauß, H.; Pottgiesser, U. (2011). „European Facade Network (EFN): interdisziplinäre Kooperation im europäischen Kontext.“ In: Innovative Fassadentechnik 2011. Berlin: Ernst & Sohn Special, September 2010. (A 61029).
- Parode / Pottgiesser (ed.) (2011). „Recycling Design: Germany – Brazil.“ Proceedings International Conference Recycling Design, Porto Alegre, Brazil. Porto Alegre: ENTREmeios Editora, 102 p. (ISBN: 9788561818180).

2010

- Pottgiesser, U., Kirch, J. (2010). „Moderne Fassaden, denkmalgerecht erneuert.“ In: Jäger, Frank-Peter: „Alt-Neu: Entwurfshandbuch Bauen im Bestand.“ Boston, Basel: Birkhäuser-Verlag, Oktober 2010, 10 p. (ISBN: 9783034605236)
- Pottgiesser, U., Kirch, J. (2010). Renovating Modern Movement Facades, In: Jäger, Frank-Peter: Old and New Design Manual for Revitalizing Existing Buildings.“ Boston, Basel: Birkhäuser, 118-129. (ISBN: 9783034605250)
- Hemmerling, M.; Pottgiesser, U. (2010). "Design Decision Matrix." In Proceedings DDSS-Design Decision Support Systems Conference, Eindhoven, Netherlands, 2010.
- Pottgiesser, U.; Hemmerling, M. (2010). "Spatial Perception in Real and Virtual Environments Methodology and Case Studies." In Proceedings DDSS-Design Decision Support Systems Conference, Eindhoven, Netherlands, 2010,
- Pottgiesser, U.; Kirch, J. (2010). „Typology of Steel Profiles in Modern Facade Constructions: Examples from Germany“. Proceedings of 2010 DOCOMOMO ISC Technology Seminar, Tokyo, Japan: DOCOMOMO International, 2010, p. 150-155. (ISBN: 9784871881111)
- Pottgiesser, U.; Knaack, U.; Strauß, U. (2010). „Innovationen für Fassaden.“ In: Innovative Fassadentechnik 2010. Berlin: Ernst & Sohn Special, Oktober 2010. (A 61029).

2009

- Pottgiesser, U.; Knaack, U.; Strauß, U. (2009). "facade2009. New Technologies." Proceedings; HS OWL, Detmolder Schule für Architektur und Innenarchitektur, Detmold 2009.
- Pottgiesser, U.; Aengeneyndt, C. (Ed.) (2009). „CREED. Climate Related Energy Efficient Development.“ Proceedings International Summer School; HS OWL, Detmolder Schule für Architektur und Innenarchitektur, Detmold 2009. 156 pages.
- Pottgiesser, U. (2009). „Energieeffiziente Sanierung moderner Glasfassaden des 20. Jahrhunderts“. In: Innovative Fassadentechnik 10/09. Berlin: Ernst & Sohn Special, Oktober 2009. (A 61029).
- Pottgiesser, U. (2009). „Revitalisation Strategies for Modern Glass Facades of the 20th Century“. In: Proceedings STREMAH 2009 Eleventh International Conference on Structural Repairs and Maintenance of Heritage Architecture. Southampton: WIT Press, July 2009. p. 569-580. (ISBN: 9791845641962).

2008

- Pottgiesser, U.; Knaack, U. (Ed.) (2008). "fassade2008. Innovationen." Tagungsband; HS OWL, Detmolder Schule für Architektur und Innenarchitektur, Detmold 2008.
- Pottgiesser, U. (2008). „Glass Curtain Wall Constructions: On the Way to Sustainability. Comparing Examples from Germany and Brazil“. In: Proceedings 10th International docomomo Conference. Rotterdam: docomomo, September 2008, p. 331-336. (ISBN: 9781586039172)
- Pottgiesser, U. (2008). "Prinzipien der Baukonstruktion." Paderborn: Wilhelm Fink GmbH & Co. Verlags-KG., 226 Seiten. (ISBN-13: 9783770544851)
- Pottgiesser: „Entwicklungszyklen im Wohnungsbau.“ In: Burgard, Roland (Hrsg.): Standards der Zukunft – Wohnbau neu gedacht. Wien: Springer-Verlag GmbH, 2008. (ISBN-13: 9783211748138).
- Pottgiesser, U. (2008). „Schnittstelle Fassade – International und Integral“. In: Innovative Fassadentechnik 01/08. Berlin: Ernst & Sohn Special, Mai 2008 (A 61029).

2007

- Pottgiesser, U.; Knaack, U.; Bilow, M. (Ed.) (2007). „fassade2007. Internationale Fassaden.“ Tagungsband; FH Lippe und Höxter, Detmolder Schule für Architektur und Innenarchitektur, Detmold, 2007
- Pottgiesser, U. (2007). „Baukonstruktion – Innenausbau“. In: Holschemacher Bau tafeln für Architekten. Berlin: Bauwerk-Verlag, 2007, 30 p. (ISBN: 9783410232841, E-Book ISBN: 9783410232858)
- Pottgiesser, U.; König, K. (2007). „Baukonstruktion - Ausbau.“ Paderborn: Wilhelm Fink GmbH & Co. Verlags-KG., 2007. 256 Seiten. (ISBN: 9783825283544).
- Pottgiesser, U.; Kesseler, T.; Breuer, U.; Wriedt, V. (2007). „Architektur- und Plandarstellung.“ Paderborn: Wilhelm Fink GmbH & Co. Verlags-KG., 2007. 248 Seiten. (ISBN: 9783825283582).

2006

- Pottgiesser, U.; Knaack, U.; Strauß, H. (2006). „fassade2006. Sanierung und Erneuerung.“ Tagungsband; FH Lippe und Höxter, Detmolder Schule für Architektur und Innenarchitektur, Detmold 2006.

2005

- Pottgiesser, U. (2005). „Technologietransfer in Richtung Architektur“ mit Marcel Bilow und Ulrich Knaack. In: DBZ 11/2005 (ISSN: 00114782).
- Pottgiesser, U.; Knaack, U.; Bilow, M. (2005). facade2005 (Hrsg.): Material, Konstruktion, Energie. Tagungsband; FH Lippe und Höxter, Detmolder Schule für Architektur und Innenarchitektur, Detmold 2005

2004

- Pottgiesser, U. (2004). „Fassadenschichtungen – GLAS. Mehrschalige Glaskonstruktionen: Typologie, Energie, Konstruktionen, Projektbeispiele“. Berlin: Bauwerk-Verlag, 2004. 224 Seiten. (ISBN: 9783899320367)
- Weller, B.; Pottgiesser, U.; Tasche, S. (2004). „Kleben im Bauwesen -Glasbau. Teil 2“. in: Detail. Heft 12/2004. Seite 1488-1494. (ISSN: 00119571).
- Weller, B.; Pottgiesser, U.; Tasche, S. (2004). „Kleben im Bauwesen -Glasbau. Teil 1“. mit Bernhard Weller und Silke Tasche in: Detail. Heft 10/2004. Seite 1166 - 1170. (ISSN: 00119571)

Invited Lectures and Conference Lectures

2020

Reglazing Modernism. Intervention Approaches for 20th Century Icons. Book Talk at AIANY, Center for Architecture, New York, 27 February 2020

Reglazing Modernism. Intervention Approaches for 20th Century Icons. Book Talk at APTNE, Online Lecture, New York, 19 May 2020.

2019

Modern Movement and World Heritage - the DOCOMOMO tentative list - revisited. IN THE SHADOW OF THE BAUHAUS – REFLECTING MODERN WORLD HERITAGE NOW. ICOMOS and DOCOMOMO Germany and Israel, Tel Aviv / Haifa, 1 December 2019

Heritage-Sustainability_Circularity. Augmenting Nature by Green Affordable New-habitat (ANGAN). A courtyard for revolutionary change in Building Energy Efficiency. An International Building Energy Efficiency Conference. BEE, GIZ, TERI. New Delhi, India, 11.09. 2018.

Real vs. Replica 3: Internal Workshop of opportunities of digitization for heritage, TU Delft, 29.08.2019.

Campusentwicklung in den Niederlanden. Räume für neue Lehr- und Lernformen. Presentation at BLB-Workshop, Bielefeld, Germany, 02.07.2018

Real vs. Replica 2: Internal Workshop of opportunities of digitization for heritage, TU Delft, 21.06.2019.

Future and Adaptive Facades. Master program. University of Belgrade, Serbia, 09.04.2018.

Real vs. Replica 1: Challenges and opportunities, Re-Printing Architectural Heritage, Seminar, Mauritshuis, Den Haag. 17.04.2019.

2018

Smart and Sustainable Cities & Heritage: Healthy Corridors for innovative and inclusive Development. Presentation at International Conference Energy, Water, Environment and Sustainability (ICEWES), AURAK, Ras-al-Khaimah, 13 November 2018

Research in & for Design: Forschung in der Innenarchitektur. Hochschule Ostwestfalen-Lippe, Detmold, 24.10. 2018.

Humans, Products and Connections. Presentation at OPEN MAKER SPACE, glasstec Düsseldorf, 23.10.2018

European Facade Network (efn). How to design Facade Education? Presentation at Facade Forum. Jefferson University. Philadelphia, 13.04.2018.

2017

Developing Sound Absorbers for Health Facilities. How to meet hygienic and acoustic Requirements in one Product. Presentation at PLEA2017. Edinburgh 1-3 July 2017.

Research in Architecture.” Presentation at the PhD Summer School of the Graduate Programme „People with Dementia in General Hospitals.“ University of Heidelberg 27 June 2017.

Generalist vs. Specialist. How to design Façade Education? Keynote at ICBEST 2017. International Conference on Building Envelope Systems and Technologies. Istanbul 16 May 2017.

2016

Holistic Building Design. Public Lecture at PhilaU. Philadelphia 12 April 2016.

Acoustic Optimisation by Office and Facade Design: Case Studies based on Experiments and Simulations. Presentation at PLEA2016 – Passive and Low Energy Architecture. Los Angeles 13 July 2016.

2015

Konzepte statt Prognosen. Symposium Zukunftsstadt 2050 / Future City 2050, Bielefeld, Germany, September 2015.

Improving Room Acoustics in open-plan Offices. Testing the Relationship of acoustical and visual Distraction at Workspaces with sound-masking Systems. 31st International PLEA Conference Bologna, Italy, September 2015.

Holistic Building Design. Energy Efficiency And User Comfort. Department of Architecture. School of Design and the Built Environment, National University of Singapore, July 2015.

Smart Envelope. Smart Design. Smart Construction. Smart Operation. ICAE 2015. VII International Congress on Architectural Envelopes. Moderation Round Table. May 2015.

Adaptive Building Design. Faculty of Architecture, Universidade de Coimbra, Coimbra, Portugal, March 2015.

Adaptive Building Design. TERI The Energy Research Institute, Southern Center, Bangalore, India, February 2015.

2014

Adaptive Building Envelopes. School of Architecture, Hindustan University, Chennai, India, December 2014.

Future Requirements for Building Envelopes. Workshop on the Future of Insulation, Bayer MaterialScience AG, Leverkusen, Germany, November 2014.

efnMOBILE -Towards Adaptive Facades. Conference DLYGAD Live (Design Like You Give a Damn Live). Architecture for Humanity (AfH), New York, 9.-11. October 2014.

Emerging Efficient Envelopes. Master Architecture at Istanbul Technical University, Istanbul, Türkei, 09. April 2014.

Emerging Efficient Envelopes. Symposium on Energy Efficiency in India at DCRUSTM, Murthal, Haryana, Indien, 26. March 2014.

Emerging Efficient Envelopes. Symposium Affordable Housing and Energy Efficient Building Design at the DWIH Roadshow: "The DWIH New Delhi – Excellence on Tour!", Kolkata, Indien, 22. March 2014.

2013

Low Cost Building Design – an international Perspective. Symposium Affordable Housing and Energy Efficient Building Design at the DWIH Roadshow: "The DWIH New Delhi – Excellence on Tour!", Ahmedabad, Indien, 17. November 2013.

Emerging Envelopes. Conference DLYGAD Live (Design Like You Give a Damn Live). Architecture for Humanity (AfH), San Francisco, 7.-8. November 2013.

Human Centred Design. Public Lecture at UNISINOS, Porto Alegre, 28. August 2013.

Facade Refurbishment for Modern Movement. Public Lecture at UFRGS. Porto Alegre, 26. August 2013.

Facade Refurbishment for Modern Movement. Public Lecture. Brasilia, 19. August 2013.

Facade Design and Construction. Learning from the Past - Looking to the Future. Public Lecture. Roger Williams University, School of Architecture, Art and Historic Preservation, 28. February 2013.

2012

Case Study Houses 1945-1962. Seminar Denkmal und Energie 2012. Vom Fachwerk zur Vorhangfassade. Deutsche Bundesstiftung Umwelt (DBU), Osnabrück, Dezember 2012.

Facade Design and Construction. Learning from the Past. Looking to the Future. Lecture Series, Department of Architecture, North Dakota State University (NDSU), Fargo, USA, September 2012.

Monuments of Industry and Infrastructure as a challenge for re-use! 12th International DOCOMOMO Conference. Helsinki/Espoo. Finland, July 2012.

Implementation of Energy Efficient Building Design: Inclusion and Communication, BMVBS-Conference Architecture and Energy. New Strategies for the Building Sector. Indo-German Urban Mela, Bangalore, India, June 2012.

Innovation in Architecture Cities, Buildings, Users, Youth University, Indo-German Urban Mela Bangalore, India, June 2012.

Climate responsive façades for public buildings in tropical Climates, VI International Congress on Architectural Envelopes, Donostia-San Sebastián, Spain, June 2012.

Smart Cities, Smart Users. Social and Requirements for Cost and Energy Efficient Buildings, Conference on Energy Efficient Cities and Buildings, Urban Mela, Mumbai, India, April 2012.

Climate Related Energy Efficient Design at Mobile Space Metro Tour 2012-13, National Institute of Design Bangalore, India, 15. February 2012.

Climate Related Energy Efficient Design – Product Solutions, Indian Institute of Science, Bangalore, India, 14. February 2012.

Climate Related Energy Efficient Design – Product Solutions, Bayer MaterialScience Headquarter, Greater Noida, India, 8. February 2012.

Innovation in Architecture. Into Innovation Architecture, National Conference at DCRUSTM, Department of Architecture, Sonapat, Murthal, Haryana, India, 6. February 2012.

2011

Labeling Existing Buildings. Learning from Monumental Protection. Lecture at Conference facade2011, Detmolder Schule für Architektur und Innenarchitektur, HS OWL, Detmold, 25. November 2011.

Zero Energy Buildings. Niedrig und Passiv war gestern. Zero und Plus ist heute! Vortrag Schlossrunde HS OWL, Bad Driburg, 16. November 2011.

Designing Zero Energy Buildings, Lecture at UFRGS, Faculty of Architecture, Porto Alegre, RS, Brazil, November 2011.

Da Vinci Reloaded. Designing Chairs for the Last Supper, Lecture and Workshop for Digital and Product Design at UNISINSOS, School of Design, Porto Alegre, RS, Brazil, November 2011.

Transparent Effizient. Lernen aus dem Denkmalschutz, Vortrag Architektenkammer Berlin. September 2011.

Product Innovation, Lecture at Conference Recycling Design: Germany – Brazil. Porto Alegre, RS, Brazil, March 2011.

Perception in Interior Spaces, Lecture at University Florida, College of Design, Planning and Construction, Gainesville, USA, February 2011.

2010

Modern Facade Design in Maputo: Principles and Construction. Round Table 4: Modern Movement Architecture in Sub Saharan Africa. 11th International Docomomo Conference, Mexico City, Mexico, August 2010.

Design Decision Matrix. DDSS (Design Decision Support Systems) Conference, Eindhoven, Netherlands, July 2010.

Spatial Perception in Real and Virtual Environments Methodology and Case Studies. DDSS (Design Decision Support Systems) Conference, Eindhoven, Netherlands, July 2010.

Connect Creativity: Shaping the Way we will live and work in 2020. Presentation with Dr. Lorenz Kramer, Creative Center, BayerMaterial Science, Brussels, Belgium, June 2010.

Profilentwicklung: Energetische und konstruktive Unterschiede. Stand der Forschung und Ausblick. Fachseminar Docomomo Deutschland, Bernau, Germany, June 2010.

Typology Of Steel Profiles In Modern Facade Constructions: Examples From Germany. 2010 DOCOMOMO ISC Technology Seminar Tokyo, Japan, May 2010.

PerceptionLab. Forschung für die alternde Gesellschaft. Living Fair Congress 2010. Nürnberg, Germany, April 2010

Future Envelopes. Demands and Challenges. Guest Lecture, Istanbul Technical University, Turkey, April 2010.

Facade Research. Material and Construction. European Façade Network Symposium, Universidad de Pais Vasco, San Sebastian 12 March 2010

2009

Energy Efficient Façade Design. Guest Lecture at FUMEC, Belo Horizonte, Brasilien, September 2009.

Future Envelope. Guest Lecture within „Aktuelle Tendenzen in der Architektur“, TU Wien, December 2009.

Digital Building. SIGRADI 2009: Sao Paolo, Brazil, September 2009.

Energy Efficient Façade Design. Guest Lecture at FUMEC, Belo Horizonte, Brazil, September 2009.

Revitalisation Strategies for Modern Glass Facades of the 20th century. STREMAH 2009: Eleventh International Conference on Structural Repairs and Maintenance of Heritage Architecture. Tallinn, July 2009.

Gestaltung von Wohn- und Lebensräumen. Gastvortrag im Rahmen der Ausstellung „Connect Creativity“, Baykom, Leverkusen, März 2009.

2008

Transluzente Sandwiche. Symposium facade2008. Innovationen. Detmolder Schule für Architektur und Innenarchitektur, Detmold, November 2008.

Glass Curtain Wall Constructions: On the Way to Sustainability. Comparing Examples from Germany and Brazil. 10th International docomomo Conference. Rotterdam, September 2008.

Revitalisation of modern Glass Facade Construction. Seminar und Workshop. Belo Horizonte, August 2008.

2007

Zukunft der Glasfassaden. Alles nur Fassade? - Visionen und Konstruktionen. Guest Lecture within „Aktuelle Tendenzen in der Architektur“, TU Wien, December 2007.

Technologien und Materialien für die Fassade. 3. Herforder Bauforum 2007, Elsbachhaus, September 2007.

Material und Gebäudehülle. Visionen, Innovationen und Trends. FassadenBautage 2007, Autostadt Wolfsburg, März 2007.

2006

Mehrschalige Glaskonstruktionen - Typologie_Konstruktion_Beispiele. Architektenforum glasstec 2006, Messe Düsseldorf, Oktober 2006.

Glass Wall Constructions - Typology and Conservation. Conservation practice for 20th century architecture. International Conference „Preservation of 20th Century Architecture and World Heritage“. MAPS - Moscow Architecture Preservation Society; April 2006, Moscow.

Building Envelopes - protective or interactive. International Workshop an der UFMG, Belo Horizonte, Brazil. September 2006.

2005

Energieeffizienz und Nachhaltigkeit: Auswirkungen auf das Erscheinungsbild und die Baukonstruktion. Workshop Denkmal und Energie. TU Dresden, Institut für Baukonstruktion; September 2005, Dresden.

Mehrschalige Glasfassaden - Gestaltung, Konstruktion, Material. Bundesministerium für Verkehr, Bau- und Wohnungswesen und Bundesamt für Bauwesen und Raumordnung; Juli 2005, Berlin, Bonn.

2004

Prinzipien der Gebäudeintegration - Ausgewählte Beispiele aus Berlin. Fachforum Solarenergie. Stadt München. Umweltreferat; November 2004, München.

European Survey on Regulations, Rights and Guidelines Concerning BIPV. Symposium Building Integration of Photovoltaics - Architecture and Construction; Sonderschau und Symposium glass technology live; Internationale Fachmesse glasstec 2004. EU-Projekt BIPV-CIS. November 2004, Messe Düsseldorf.

Denkmal und Energie: Ziele, Vorgehensweise, Beispiele. Symposium Denkmal und Energie; Fachmesse denkmal 2004. Oktober 2004, Messe Leipzig.

Heizkraftwerk Dresden. Ein architekturhistorisch bedeutsames Beispiel moderner Industriearchitektur. Entwicklungsforum Dresden. Februar 2004, Dresden.

2003

Projektbasierte, teamorientierte Lehr-Lern-Strategien zum e-Learning im Bauwesen. Symposium Neue Medien in der Aus- und Weiterbildung von Bauingenieuren und Architekten. TU Darmstadt. September 2003, Darmstadt.

2002

Mehrschalige Glaskonstruktionen. Energie und Konstruktion. Seminar Fassade. TU Dresden, Institut für Gebäudelehre und Entwerfen; Juli 2002 Dresden.

Uta Pottgiesser – 29 May 2020