

PROF. DR. VANESSA MIRIAM CARLOW

ARCHITECT AND PLANNER BDA, MAA

* 09 DECEMBER 1975 IN POTSDAM-BABELSBERG

Institute for Sustainable Urbanism (ISU)

Faculty of Architecture, Engineering and Environmental Sciences
Technische Universität Braunschweig

Pockelsstraße 03, 12th floor
38106 Braunschweig, Germany
T: +49 531 391-3537
E: isu@tu-braunschweig.de
I: www.isu.tu-braunschweig.de

EDUCATION

- 02.2005 - 05.2012 PhD: "*LIMITS. Space as a resource*", Royal Danish Academy of Fine Arts Copenhagen, Centre for Planning, Supervisor: Prof. Jens Kvorning
- 09.2003 - 08.2004 MA Urban Management (Management of the European Metropolitan Region): "*The Future of Ports and Port Cities in the Baltic Sea Region*", Erasmus University Rotterdam, University Copenhagen, Ca Foscari Venice, Antwerpen University, Autonomous University Barcelona, Supervisor MA thesis: Prof. Dr. Christian Wichmann Matthiessen, Copenhagen University
- 10.2002 Diploma (Arch) TU Berlin: "*London_Paris_Berlin: metropolitan.*" Supervisors: Prof. Kees Christiaanse and Prof. Nathalie de Vries (excellent, among the 30 percent best graduates of the year).
- 06.1995 Abitur, Humboldt-Gymnasium Potsdam (very good, valedictorian)

ACADEMIC EXPERIENCE

01. - 06.2017 Visiting Professor, Cornell University, Department Architecture Art Planning AAP, Ithaca, USA
since 06.2015 Co-speaker of „Future City“ research area of TU Braunschweig
01. - 06.2013 Visiting Professor, Stuckeman School of Architecture, Pennsylvania State University, USA
since 10.2012 Full Professor (W3), Head of Institute for Sustainable Urbanism (ISU), TU Braunschweig
- 09.2011 - 08.2012 Guest Professor, "Fundamentals of Architectural Design", RISEBA Riga, LV
- 09.2009 - 08.2011 Assistant Professor, Chair for Architecture and Urban Design, Prof. Klaus Zillich, TU Berlin
- 09.2011 Guest Critic, Cornell University, Ithaca, USA
- 09.2009 Guest Critic, Columbia University, New York, USA.
- 07.2007 Instructor, Rotterdam Academy for Architecture Summer School, NL
- 2006 - 2010 Lectures at Tsinghua University, Beijing, Tongji University Shanghai, Chongqing University, CN; Münster School of Architecture and others

PROFESSIONAL EXPERIENCE

- 10.2012 Founder of COBE Berlin GmbH (www.cobe.de)
- 01.2005 Co-Founder of COBE (in Copenhagen, DK) with Dan Stubbergaard, since then independent architect
01. - 12.2003 Architect in employment, KCAP (Kees Christiaanse Architects and Planners), Rotterdam, NL
01. - 12.2001 Internship, followed by employment, MVRDV, Rotterdam, NL

MEMBERSHIPS IN ADMINISTRATIVE COMMITTEES

- since 2013 Deputy Member Faculty Board (Fakultätsrat)
- 2013-2016 Member of the Internationalization Committee of TU Braunschweig
Internationalization Responsible, Department of Architecture
- 2013-2016 Member of scientific search committees for several professorships:
Architectural Theory and Theory of Urbanization (TU Braunschweig), Urban Design (Leibniz University Hannover), Urban Design (Academy of Fine Arts Stuttgart), external reviewer for the professorship "Public Buildings" (Stuttgart University)

MEMBERSHIPS IN SCIENTIFIC COMMITTEES

- 2017- Member of Scientific Committee "Housing" of Berlin
(Fachbeirat Wohnraumversorgung des Landes Berlin, A.ö.R)
- 2016- Member of Scientific Committee "100% Climate Neutral Region Braunschweig"
- 2015-2016 Member of Scientific Committee "Social Quarters" Friedrich-Ebert-Stiftung
- 2015- Co-speaker of the research center "Future City", TU Braunschweig**
(www.tu-braunschweig.de/stadtderzukunft)
- 2012-2016 Member of the Scientific Council Berlin Senate Department for Urban Development and the Environment, Senator Michael Müller

OTHER MEMBERSHIPS

- since 2016 Member Design Committee City of Stuttgart (Gestaltungsbeirat)
- 2016 Member of the Jury „Architekturpreis Berlin 2016“
Member of the Jury „Extension of the Federal Foreign Office Berlin“
Member of the Jury „Kurt-Schumacher-Quartier“ Berlin
- since 2015 Member "Architekturverein Berlin e.V.",
Member "Flussbad Berlin e.V."
- 2015 - 2017 Head of the Tenants' Council (Mieterbeirat) Petriplatz of Public Housing Corporation WBM, Berlin
- 2015 Member of the Jury „Xella Student Award“ University Stuttgart
- 2014 Auditor German Sustainable Building Council (Deutsche Gesellschaft für Nachhaltiges Bauen, DGNB)
- 2013 Appointed to the Association of German Architects' (Bund Deutscher Architekten, BDA)
- 2012 - 2017 Head of the Design Committee City of Braunschweig (Gestaltungsbeirat)
- 2012 Member Danish Architects' Association (Akademisk Arkitektforening, MAA)
Member Berlin Architect Chamber, AKB
Member of the Tenants' Council (Mieterbeirat) of Public Housing Corporation WBM, Berlin

PUBLICATIONS: ARTICLES IN PEER-REVIEWED JOURNALS

- Carlow, VM.** 2015. *Space as a resource: West Berlin's impossible sites.* In: Sustainable Development and Planning. WIT Press/ Computational Mechanics, 251-261. Available from: doi.org/10.2495/SDP150211.
- Carlow, VM.** 2014. *Limits—Urban Density and Mobility Networks in West Berlin during the Period of Containment.* Sustainability 6(10), 7452-7465. Available from: doi.org/10.3390/su6107452.

PUBLICATIONS: BOOKS

- Carlow VM,** Institute for Sustainable Urbanism ISU (eds.). 2016. *Ruralism. The Future of Villages and Small Towns in an Urbanizing World.* Berlin: Jovis.
- Carlow VM.** 2016. *LIMITS. Space as Resource.* Berlin: Jovis.
- Carlow VM,** Speller CJM (eds.). 2006. *Urban management in Europe: towards a sustainable development.* Rotterdam: EURICUR, European Institute for Comparative Urban Research, Erasmus University Rotterdam.

PUBLICATIONS: BOOK CHAPTERS

- Carlow, VM,** Schmidt V, Neumann D, Mumm O. 2017. *Projektabademie Ländlicher Raum – ein kooperativer, inter- und transdisziplinärer Ansatz in der Städtebaulehre.* In: Kauffeld S, Othmer J (eds.). 2017 (forthcoming). *Handbuch Gute Lehre.* Heidelberg: Springer Press.
- Carlow VM.** 2017. *The transformation of the London Green Belt - from Sanitary Scenery, Global City Infrastructure to Sustainable Landscape.* In: Voigts E, Pleßke N. (eds.) 2017 (forthcoming). *Transforming Cities.* a&e.
- Carlow VM,** Neumann D, Sedrez M. 2017. *Exo Village, Peri Urb, and Meta Town: TOPOI of Settlement Types in the Metropolis.* In: Steinführer A, et al. (eds.) 2017 (forthcoming). *Ruralgeo: New Rural Geographies in Europe.* Braunschweig: Thünen Institut.
- Neumann D, Sedrez M, **Carlow VM.** 2016. *Scenarios for sustainable development of the Lower Saxony. Metapolis.* In: Schröder J, Carta M, Ferretti M, Lino B (eds.). 2016. *Territories. Rural-Urban Strategies.* Berlin: Jovis, 258-265.
- Carlow VM,** Hong YW. 2015. *Adapting design tools to produce site-specific solutions: three Projects.* In: Wang F, Prominski M (eds.). 2015. *Urbanization and Locality: Strengthening Identity and Sustainability by Site-specific Planning and Design.* Heidelberg: Springer Press, 359-383.
- Carlow VM.** 2014. *From Greenbelt to Infrabelt – London's Green Belt as a Model for Sustainable Landscape?* In: Sörensen C, Liedtke K (eds.). 2014. *Specifics – Discussing Landscape Architecture.* Berlin: Jovis, 212-215.
- Carlow VM.** 2014. *Zukunft Gestalten – Perspektiven der Stadt im 21. Jahrhundert.* In: Wékel J (ed.). 2013. *Beiträge zu einer ökologisch orientierten Moderne? Auf der Suche nach einer sozial gerechten, offenen und Ressourcen schonenden Gesellschaft.* Almanach 2013/2014. Berlin: Deutsche Akademie für Städtebau und Landesplanung. 446-459.

Carlow VM. 2012. *Climate Chan(g)ce!* In: Drexler H, Seidel A (eds.) 2012. Building the Future. Berlin: Jovis, 75-92.

Carlow VM. 2006. *The future role of port cities in the Baltic Sea Region.* In: Carlow VM, Speller CJM (eds.). 2006. Urban management in Europe: towards a sustainable development. Rotterdam: Erasmus University Rotterdam.

OTHER PUBLICATIONS (SELECTION):

Carlow VM. 2017. *Perspektiven einer wissensbasierten, kooperativen und offenen Stadtentwicklungspolitik.* In: Bundesinstitut für Bau-, Stadt- und Raumforschung (BBSR) im Bundesamt für Bauwesen und Raumordnung (BBR) (ed.). 2017 (forthcoming). Stadt im Fokus – 10 Jahre Nationale Stadtentwicklungspolitik. Bonn: BBSR.

Bormann R, **Carlow VM**, Christmann A, Dangschat J, et al. 2016. *Das Soziale Quartier – Quartierspolitik für Teilhabe, Zusammenhalt und Lebensqualität.* (Friedrich-Ebert-Stiftung, Abteilung Wirtschafts- und Sozialpolitik, ed.) Berlin: FES.

Carlow VM, Hong YW. 2015. *Growing a City for 1,000,000: Master Plan for the City between the Forest and the Ocean. Senegal.* Urban Ecologies. Conference Proceedings. Toronto: OCAD University.

Carlow VM, Larsen S. 2014. P10. Arcostraße. In: Ring K. (2014). Urban Living Berlin. Berlin Senat für Stadtentwicklung und Umwelt, 48-49

Carlow VM. 2013. *IBA Berlin 2020 – The Legacy (Interview by Teerds H).* Delft Architectural Studies in Housing DASH (09), 37-40.

Bader M, Beeck S, **Carlow VM**, Dorsch P, Heller M, Lang T, Reusswig F. 2011a. *Das Raumstadt-Modell.* (Senatsverwaltung für Stadtentwicklung, ed.). Berlin: Senatsverwaltung für Stadtentwicklung.

Bader M, Beeck S, **Carlow VM**, Dorsch P, Heller M, Lang T, Reusswig F. 2011b. *Eine IBA für Berlin 2020.* (Senatsverwaltung für Stadtentwicklung, ed.). Berlin: Senatsverwaltung für Stadtentwicklung.

Bader M, Beeck S, **Carlow VM**, Dorsch P, Heller M, Lang T, Reusswig F. 2011c. *IBA Studio.* (Senatsverwaltung für Stadtentwicklung, ed.). Berlin: Senatsverwaltung für Stadtentwicklung.

Carlow VM. 2008. *Landschaften - Made in China.* Sacco & Vanzetti, (22), 2-3.

Carlow VM, Stubbergaard D. 2007. *Co-Evolution. Danish-Chinese Collaboration on Sustainable Urban Development in China.* In: EPI. Beijing: Architectural Biennale Beijing.

Carlow VM, Stubbergaard D. 2006. *Magic Mountains – How to build a sustainable city.* In: Valeur H (Ed.). 2006. Biennale di Venezia, Settore Architettura. Co-evolution: Danish-Chinese collaboration on sustainable urban development in China. Copenhagen: Danish Architecture Centre, 96-121.

PUBLICATIONS BY THE INSTITUTE FOR SUSTAINABLE URBANISM (ISU):

ISU (Ed.). 2017 (forthcoming). *Impossible Site: Westkreuz Berlin.* TU Braunschweig.

ISU (Ed.). 2017 (forthcoming). *Eye-tracking Spatial Experiences.* TU Braunschweig.

ISU (Ed.). 2017. *Between cotton, platte and smoke.* TU Braunschweig.

ISU (Ed.). 2016. *Mittenmang. (De)Coding Hamburg in Brandshof.* TU Braunschweig.

ISU (Ed.). 2016. *TU Campus: barrierefrei.* TU Braunschweig.

ISU (Ed.). 2016. *Urbane Potentialräume: 6.000 Wohnungen für Berlin.* TU Braunschweig.

ISU/Institut für Geoökologie. 2016. *Data Mining. Data Mapping. Ökosystemleistungen kartieren.* TU Braunschweig

ISU (Ed.). 2015. *Vom Sperrgebiet zur Neuen Mitte.* TU Braunschweig.

ISU (Ed.). 2015. *Arbeitstreffen Projektkademie Ländlicher Raum.* TU Braunschweig.

ISU (Ed.). 2015. *ISU Talks #02: Mobile Cities.* TU Braunschweig.

ISU (Ed.). 2014. *1. Arbeitstreffen zur Erforschung von Stadt-Land-Beziehungen in Niedersachsen.* TU Braunschweig.

ISU (Ed.). 2014. *Ein Unmögliches Grundstück (100% Gun Free).* TU Braunschweig.

ISU (Ed.). 2014. *ISU Talks #01: The Housing Question.* TU Braunschweig.

ISU (Ed.). 2014. *Nibelungenplatz – Design to Build.* TU Braunschweig.

ISU (Ed.). 2014. *Of Betongold and Schrottimmobilien: Goethestrasse, Bremerhaven.* TU Braunschweig.

ISU (Ed.). 2014. *WOB 4.0 – Thinking the Un-thought.* TU Braunschweig.

ISU (Ed.). 2013. *LIBE Berlin Lichtenberg – Strategien für die Peripherie.* TU Braunschweig.

RESEARCH FUNDING, OPEN PUBLIC COMPETITIVE RESEARCH PROJECTS, ONGOING:

2017-2021 **OFFENE STADT. Theorien, Perspektiven, Instrumente.**

ISU (lead) in cooperation with Deutsches Institut für Urbanistik Berlin (DiFU), TU Dortmund, Karlsruhe Institute for Technology, Senat Chancellery Berlin (DepT. for Strategic Planning) and Senate for Urban Development and Housing Berlin. Funded by Robert Bosch Stiftung.

2017-2019 **SINGAPORE ISUrF-Hub.**

Establishing a joined industrial symbiosis and urban factories-hub in Singapore.

Institute for Sustainable Manufacturing and Life Cycle Engineering and ISU (co-lead) with Singapore Institute of Manufacturing Technology. Funded by the Federal Ministry for Education and Research (BMBF) in the framework of „Konzeptions- und Vorbereitungsmaßnahmen zur Etablierung gemeinsamer Forschungspräsenzen“.

- 2017-2018 **RELease from coastal squEEZE**
Understanding and preventing critical tipping points under future sea level rise (RELEEZE).
 ISU in cooperation with Institute for Geoecology (lead), TU Braunschweig, Carl-von-Ossietzky Universität Oldenburg. Funded as prototyping phase for submitting full proposal by the Federal Ministry for Education and Research (BMBF) in the framework of BioTip/Fona3.
- 2017-2018 **AgroEcoSOS. AGROECological solutions for Safe and fair Operating Spaces of agricultural systems in the urban-rural transition zone.**
 ISU in cooperation with Institute for Geoecology (lead), TU Braunschweig, Julius Kühn Institute (JKI), Thünen Institut (TI), UFZ Helmholtz Centre for Environmental Research Leipzig. Funded as prototyping phase for submitting full proposal by the Federal Ministry for Education and Research (BMBF) in the framework of „Agrarsysteme der Zukunft“.
- 2017-2020 **Data4UrbanMobility: Data-based Mobility Services for the Future City.**
 ISU in cooperation with L3S, Leibniz University Hannover (lead), momatec GmbH, Hannoversche Informationstechnologien AöR, Projektionisten GmbH and Wolfsburg AG.
 Funded by Federal Ministry for Education and Research BMBF.
- 2016-2020 **METAPOLIS.**
An inter- and transdisciplinary platform for sustainable development for Lower Saxony.
 ISU and Institute for Geoecology, TU Braunschweig (both lead) in cooperation with Institute for Social Sciences, Institute of Transport, Railway Construction and Operation, Institute for Building Services and Energy Design, Institute for Business Sciences, Chair for Information Systems (all TU Braunschweig), and Institute for Hydromechanics (Leibniz University Hannover)
 Funded by VW Vorab and the Ministry for Science and Culture Lower Saxony (MWK).
- 2016-2018 **iSCOR. Eye-tracking Spatial Experience - Interdisciplinary Studio for Communicational and Observational Research. An inter- and transdisciplinary teaching and research studio**
 ISU (lead) in cooperation with Institute for Psychology, TU Braunschweig. Funded by the Federal Ministry for Education and Research (BMBF) in the framework of "teach4TU" and "Transfer program for innovative teaching concepts" of TU Braunschweig.
- 2015-2017 **MAKING CITY. bsMOOC.**
 Massive Open Online Course (TU9 -Alliance). ISU (Lead) in cooperation with Chair for Urban Design and Urbanization, TU Berlin, Prof. Jörg Stollmann. bsMOOC project group with Institute of Jet propulsion and Turbomachinery, Institute for Engineering Design. Funded by the Federal Ministry for Education and Research (BMBF) in the framework of "teach4TU".

RESEARCH FUNDING, OPEN PUBLIC COMPETITIVE RESEARCH PROJECTS, SUBMITTED:

- {2017-2019} **EAST-CITIES: Establishing and Achieving Sustainability Targets in Eastern Chinese Cities.**
 ISU (lead) in cooperation with Institute for Building Services and Energy Design, Institute for Engineering Design, Institute of Geoecology, Institute of Machine Tools and Production Technology, Institute of Sanitary and Environmental Engineering, Institute of Transportation and Urban Engineering (all TU Braunschweig), L3S Research Center Leibniz University Hanover, College of Architecture and Urban Planning, UNEP Institute of Environment for Sustainable Development, Dep. of Comprehensive Transportation Information, Dep. of Transportation Management Engineering (all Tongji University Shanghai) and Qingdao City. Submitted to the Federal Ministry for Education and Research BMBF, framework „Sustainable Urban Regions“.
- {2018-2022} **STADT-LAND-CO₂. Integrated toolbox for the quantification of the settlement-related CO₂ exchange and the assessment of measures and scenarios for climate protection in urban and rural areas.**
 ISU in cooperation with Institute for Geoecology (lead), TU Braunschweig. Submitted Application in the framework of 'Stadt-Land-Plus'(Fona3) of the Federal Ministry for Education and Research (BMBF). Submitted April 2017.
- {2018-2022} **Industrial symbiosis and ecosystem analysis - Integrated cycle management of urban and rural areas.** ISU in cooperation with Institute of Machine Tools and Production Technology (lead), TU Braunschweig. Submitted Application in the framework of 'Stadt-Land-Plus'(Fona3) of the Federal Ministry for Education and Research (BMBF). Submitted April 2017.

RESEARCH FUNDING, OPEN PUBLIC COMPETITIVE RESEARCH PROJECTS, FINALIST:

- {2017-2022} **Den Digitalen Wandel gestalten. Konzept für das Deutsche Internet Institut (DII).**
 ISU in cooperation with L3S Hannover (lead), Leibniz University Hannover, SOFI Göttingen, TU Braunschweig, University Göttingen, University Kassel, University Koblenz-Landau.

RESEARCH FUNDING, OPEN PUBLIC COMPETITIVE RESEARCH PROJECTS, COMPLETED:

- 2016 **TBILISI AVLABARI – Urban laboratory for a post-socialist city.**
ISU (lead) in cooperation with Ilia State University Tbilisi (Dept. of Architecture, CAMPUS (Georgia), Friedrich-Ebert-Stiftung (Regional Office Southern Caucasus) and Goethe-Institut Tbilisi. Funded by the program "Strengthening cooperation with civil society in the Eastern partnership", German Ministry of Foreign Affairs Berlin through the German Academic Exchange Service (DAAD).
- 2016 **URBAN TOOLBOX. An interactive platform for teaching urban design.**
Funded by the program "in medias res" in the framework of teach4TU of TU Braunschweig funded by the German Ministry for Education and Research (BMBF) and TU Braunschweig.
- 2015-2016 **Data Mining - Data Mapping. Inter- and transdisciplinary design studio.**
ISU (lead) in cooperation with the Institute of Geoecology (IGÖ). Funded by "Transfer program - for innovative teaching concepts" in the framework of teach4TU of TU Braunschweig funded by the German Ministry for Education and Research (BMBF) and TU Braunschweig.
- 2015-2016 **SCG – Sustainable City Game. A digital Platform for Sustainability Scenarios in Lower Saxony.**
Funded by the program "in medias res" in the framework of teach4TU of TU Braunschweig funded by the German Ministry for Education and Research (BMBF) and TU Braunschweig.
- 2014-2015 **Academy of Rural Spaces. Design studio.**
Funded by the Federal Ministry for Education and Research (BMBF) in the framework of "teach4TU" of TU Braunschweig.

PROJECTS FUNDED BY PUBLIC PARTNERS, COMPLETED:

- 2014-2016 **Campus Remlingen. Organization of a cooperative urban design competition for a competence and innovation center for the retrieval of atomic waste in the municipality Elm-Asse.**
Partner: Wolfenbüttel municipality.
- 2017 **Waldhaus Asse. Organization of a cooperative workshop for a barrier free event and recreational venue.** Partner: Wolfenbüttel municipality.

INTERNATIONAL COOPERATIONS

- 2017-2020 **ILIA STATE UNIVERSITY TBILISI / Georgia**
Joint teaching and research programs. ISU and Ilia State University Tbilisi, Department of Architecture. Funded by the program "ERASMUS+".
- 2017 **URBAN TRANSFORMATION: Sao Paulo / Brazil**
Cooperative urban design studio. ISU and University of Campinas, School of Civil Engineering, Architecture & Urban Design. Funded by the program DAAD PROMOS and TU Braunschweig.
- 2014 **The Gowanus Challenge: Brooklyn, New York.**
Cooperative urban design studio for MA-level students, in cooperation with David Briggs of Gowanus by Design, EPA New York, excursion funded by DAAD.

ONGOING PHD SUPERVISION

- 2016- Olaf Mumm, for Dr.-Ing.
2016- Dirk Neumann, for Dr.-Ing.
2016- Maycon Sedrez (Ph.D. 2016), Postdoc
2014- Aurel von Richthofen, for Ph.D.

ACADEMIC CONFERENCES HOSTED BY ISU

- 2016 **ISU Talks #04: URBAN AFRICA.**
Scientific conference. Funded by Alfred Herrhausen Foundation, Association for Promoting the Art of Building Lower Saxony, and TU Braunschweig Student Association.
- 2015 **ISU Talks #03: RURALISM. The Future of Villages and Small Towns in an Urbanizing World.**
Scientific conference. Funded by the Ministry for Science and Culture Lower Saxony (MWK), Alfred Herrhausen Foundation, Association for Promoting the Art of Building Lower Saxony, TU Braunschweig and TU Braunschweig Student Association.
- 2014 **2014 ISU Talks #02: Mobile Cities. How Mobility improves People's Lives**
Scientific conference. Funded by the Alfred Herrhausen Foundation, Wüstenrot Foundation, Wolfsburg AG, Metropolregion Hannover Braunschweig Göttingen Wolfsburg.
- 2013 **ISU Talks #01: THE HOUSING QUESTION**
Funded by TU Braunschweig.

ACADEMIC COURSES, SEMINARS AND DESIGN STUDIOS (SELECTION)

- 2017 **Urban Transformation: Sao Paulo**
Cooperative urban design studio for MA-level students, in cooperation with University of Campinas.
- 2017 **Building Better Cities**, Cornell University, MA class
- 2017 **Braunschweig Nonfiction.**
Urban Participation and Intervention Workshop, in cooperation with BüroHallo Dessau (schrill.eu).
- 2015 - 2017 **MAKING CITY. bsMOOCs**
Massive Open Online Course (TU9 -Alliance). ISU (lead) in cooperation with Chair for Urban Design and Urbanization, TU Berlin, Prof. Jörg Stollmann, funded by BMBF.
- 2016 - 2017 **Cotton, Platte, and Rauch.**
A cooperative urban design studio for BA students (2nd year) in cooperation with the city of Leipzig.
- 2016 **Impossible Sites.**
International Summer School at AEDES Campus in cooperation with IDAS (Prof. Almut Grüntuch-Ernst and Universidad Federal de Rio de Janeiro, Prof. Dr. Victor Andrade, funded by DAAD.
- 2016 **Tbilisi Avlabari – Urban laboratory for a post-socialist city.**
An international, inter- and transdisciplinary urban project. ISU (lead) in cooperation with Ilia University and CAMPUS Tbilisi (Georgia). Funded by German Ministry of Foreign Affairs through DAAD.
- 2015 - 2016 **Mittenmang. (De)Coding Hamburg in Brandshof.**
Urban design studio for BA students (1st/2nd year) in cooperation with the Authority for Urban Development and Habitation (BSW), supported by HafenCity University and HafenCity GmbH.
- 2015 - 2016 **Pupils. Eye Tracking Spatial Experiences.**
Research seminar, funded by the German Ministry for Education and Research.
- 2015 - 2016 **Data Mining Data Mapping.**
Inter- and transdisciplinary research seminar in cooperation with Institute of Geoecology, funded by Ministry for Education and Culture Lower Saxony.
- 2015 **MLK: 100 Kilometer. 1.000.000 People.**
An urban research and design project for BA students (Thesis, 3rd year) in cooperation with the Association of German Architects (BDA) and Leibniz University Hannover, Prof. Dr. Martin Prominski.
- 2015 / 2016 **Sustainable City Tools.**
Design seminar introducing new instruments and methods for integrated urban development and design; in cooperation with the German Sustainable Building Council (DGfB).
- 2014 - 2015 **Academy of Rural Spaces.**
Urban design studio in the framework of the Innovation Programme "Good Teaching: teach4TU" of TU Braunschweig, funded by BMBF, in cooperation with five municipalities.
- 2014 - 2015 **6.000 Apartments for Berlin.**
A cooperative and transdisciplinary urban design project for BA students (Thesis, 3rd year) in cooperation with the Berlin Senate Department for Urban Development and the Environment.
- 2014 - 2015 **From Restricted Area to New Center.**
A cooperative urban design project for BA students (2nd year) in cooperation with the city of Rostock.
- 2014 **The Gowanus Challenge: Brooklyn, New York.**
Cooperative urban design studio for MA-level students, in cooperation with David Briggs of Gowanus by Design, EPA New York, excursion funded by DAAD.
- 2014 **Design to Build: Bookcase at Nibelungenplatz.**
Design to built workshop with students in cooperation with public housing corporation Nibelungen Wohnbau GmbH, Nibelungen School, Lebenshilfe Braunschweig GmbH, and citizen association Pro Siegfried e.V., Funded by Nibelungen Wohnbau.
- 2014 **The 10th condition of Riga.**
Upgrading the city's microrayons. Cooperative urban project for master-level students in cooperation with the Office of the City Architect, Riga, and the RISEBA University Riga.
- 2013-2014 **Of Betongold and Schrottimobilien.**
Assessing the impact of global markets on a northern German town.
Cooperative urban design studio (Master thesis) in cooperation with the Department of Urban Planning in Bremerhaven. Funded by the City of Bremerhaven.
- 2013-2014 **An Impossible Site – 100% gun free.**
Cooperative urban design studio (BA, 3rd year) in cooperation with the City Architect, Senator for the Environment, Building and Transport Bremen. Funded by City of Bremen.
- 2013 **Paris Peripherique**
Exkursion, funded by DAAD.
- 2013 **WOB 4.0 – Thinking the Un-thought. Scenario planning for the City of Wolfsburg.**
A cooperative urban design studio (Bachelor thesis) in cooperation with the city of Wolfsburg.

- 2012-2013 **LIBE – Berlin Lichtenberg. 5000 Apartments for the City of Berlin.**
A cooperative urban design project for BA (3rd year) students in cooperation with the public housing corporation HOWOGE and the Berlin Senate Department for Urban Development and the Environment, funded by HOWOGE.

CONTRIBUTIONS TO SCIENTIFIC CONFERENCES (SELECTION)

- 2017 **„Exo Village, Peri Urb and Metatown: TOPOI of settlement types in the METAPOLIS.“**
European Rural Geographies Conference, Braunschweig, peer reviewed
- 2015 **„Growing a City for 1.000.000. Development Plan for a City between Forest and Ocean.“**
Urban Ecologies, Toronto, peer reviewed
- „The Transformation of the London Green Belt – From Sanitary Scenery, Global City Infrastructure to Sustainable Landscape.“**
Transforming Cities, TU Braunschweig, key note, International DFG-funded conference of the English Seminar, TU Braunschweig
- „West Berlins Impossible Sites“**
Sustainable Development Planning, TU Istanbul, peer reviewed
- 2014 **„Breaking the Curve: Towards a Sustainable Urbanism. “**
5th Brazilian-German Frontiers of Science and Technology Symposium der Alexander von Humboldt-Stiftung, Porto de Galinhas, Brasilien.
Funded by Alexander-von Humboldt-Stiftung.
- „Adapting Design Tools to Produce Site-specific Solutions: Three Projects.“**
Urbanization and Locality: Strengthening Identity and Sustainability by Site-specific Planning and Design, Tsinghua Beijing, DFG-gefördert, peer reviewed
- „9-10! Conditions of Riga“**
Deutsches Architekturmuseum Frankfurt/Main
- 2013 **„From Greenbelt to Infrabelt – London’s Green Belt as a Model for Sustainable Landscape?“**
Specifics. European Council of Landscape Architecture Schools, Hafencity University Hamburg, peer reviewed

OTHER LECTURES AND TALKS (SELECTION)

- 2017 „How to... Urban Design!“ Cornell University
- 2016 „Making Cities.“ bsMOOCS
- 10/2016 „Stadt und Region - Modus I und II der Urbanisierung.“ Studium Generale, TU Braunschweig
- 05/2016 „Die Stadt der Guten Wege.“ Lecture series of VDI
- 04/2016 „A Urban laboratory for a post-socialist city. Tbilisi Avlabari.“ Ilia University Tbilisi
- 04/2016 „100%. Vom Planen Grüner Städte.“ Hochschule Rhein-Waal
- 12/2016 „How to plan Sustainable Cities.“ Leibniz University Hannover
- 12/2015 „How to plan Sustainable Cities.“ Stuttgart University
- 06/2015 „75% vs. 25%: Urbanisierung und ihre Folgen – Die Fragen der Architektur an die Philosophie.“
Philosophische Ringvorlesung Braunschweig.
- 01/2015 „Städtebau! - Eine Debatte um neue Modelle der Stadtplanung und das Berufsbild.“
Podium discussion: Berlin: Deutsches Architekturzentrum.
- 01/2015 „Projekt Soziales Quartier.“ Podium discussion, Friedrich-Ebert-Foundation.
- 01/2015 „Growing a City for 1.000.000. Development Plan for a City between Forest and Ocean.“
Re-Water Conference, Braunschweig
- 2014 „Lesson on Future Cities.“ TU9 Massive Open Online Course, in cooperation with Prof. Harald Kloft.
- 07/2015 „Verhindern, Einschleusen, Lager, Verwalten, Integrieren, Normalisieren.“
Key note at the Xella Student Award Symposium. Migroplis, Centre for Migration, University Stuttgart
- 04/2015 „Sustainable City Tools“ ETH Zurich
- 10/2014 „How to plan Sustainable Cities.“ Studium Generale, TU Braunschweig
- 09/2014 „Urbanes Leben in der Platte - eine Renaissance der Großsiedlung.“
Podium discussion, hosted by Architekturpreis Berlin E.V and HOWOGE.
- 05/2014 Podium discussion, opening of the 6th Week of Architecture, Munich.
- 11/2013 The Historic Centre of Berlin. Podium discussion, hosted by Friedrich-Ebert-Foundation Berlin.
- 11/2013 Face2Face: Die Wohnungsfrage.
Gespräche über Architektur, Raum und Gesellschaft. Deutsches Architekturzentrum Berlin
- 10/2013 International Building Exhibition Lab. Heidelberg.
- 06/2013 100% - Das Recht auf Ko-Produktion der Stadt! Kongress Kooperative Stadtentwicklung, Bielefeld.
- 05/2013 Future of 21st Century Cities. Wissenschaftliches Kolloquium: Die Zukunft der Modernen Stadt, Wolfsburg. Deutsche Akademie für Stadt- und Landesplanung.
- 04/2013 100%. Pennsylvania State University.

ISU APPEARANCES IN MEDIA AND PRESS:

- Die Stadt soll „schrill“ werden. Braunschweiger Zeitung, 18.05.2017.
- Stadtprojekt „schrill“ präsentiert sich. Braunschweiger Zeitung, 25.03.2017.
- Was Braunschweig von Dessau lernen kann, Mitteldeutsche Zeitung, 07.03.2017.
- Gestaltungsbeirat in Stuttgart. Fachleute machen ordentliche Ansagen. Stuttgarter Zeitung, 25.01.2017.
- Ein Beirat der klaren Worte. Erste Sitzung des Gestaltungsbeirats in Stuttgart. Stuttgarter Nachrichten, 24.01.2017.
- Stuttgarter Gestaltungsbeirat nimmt Arbeit auf. Ein vielversprechender Anfang. Stuttgarter Zeitung, 24.01.2017.
- Die MINT-Probe. ARD alpha, Magazin Campus, Sendetermin 17.10.2016. Available from: <http://br.de/s/2ZMvm6q>.
- Alles schön und gut? An der Urania wurde über Chancen und Risiken des Wohnungsbaus diskutiert. Tagesspiegel Berlin, 28.09.2016.
- Wie grüne Städte geplant werden. Westdeutsche Allgemeine WAZ, 19.04.2016.
- Großstädtische Vision für Remlingen. Bei Wettbewerb für Wissenschafts-Campus gewinnt Entwurf aus Berlin/Hamburg, Asse nah dran, 11/2015.
- Visionen für Urbane Strukturen, Neue Braunschweiger, 14.11.2015
- TU plant Stadt der Zukunft, Braunschweiger Zeitung, 13.11.2015.
also published at:
Helmstedter Nachrichten, 13.11.2015,
Peiner Nachrichten, 13.11.2015,
Wolfenbütteler Zeitung und Anzeiger, 13.11.2015.
- Feldforschung Atommüll, Bauwelt 32-33.2015.
- Schweinemast im Hochhaus. TU Braunschweig bringt ungewöhnliche Idee am Beispiel Samtgemeinde Bersenbrück ins Gespräch, Neue OZ Osnabrücker Zeitung, 25.08.2015.
- Warum Radfahrer für jede Metropole ein Segen sind, WELT Online, 29.08.2015. Available from: www.welt.de/finanzen/immobilien/article145776454/Warum-Radfahrer-fuer-jede-Metropole-ein-Segen-sind.html.
- Fahrrad first, Welt Online, 23.08.2015. Available from: www.welt.de/finanzen/article145519061/Fahrrad-first.html.
- Zwischen Stadt und Land bestehen Abhängigkeiten, Braunschweiger Zeitung, 17.08.2015.
also published at:
Gifhorner Rundschau, 17.08.2015,
Helmstedter Nachrichten, 17.08.2015,
Peiner Nachrichten, 17.08.2015,
Salzgitter-Zeitung, 17.08.2015,
Wolfenbütteler Zeitung und Anzeiger, 17.08.2015,
Wolfsburger Nachrichten, 17.08.2015.
- Studierende entwickeln städtebauliche Idee für Vechelde, Peiner Allgemeine Zeitung, 12.08.2015.
- Städtebau! - Eine Debatte um die Gestalt der Stadt, Stadtbauwelt-Gespräch 12.2015.
- Neue Bauideen für Vechelde, Peiner Nachrichten, 30.07.2015.
- Hildesheimer Straße als Erlebnisraum, Braunschweiger Zeitung, 29.07.2015.
- Studenten präsentieren Ideen für Wolfshagen, Goslarische Zeitung, 24.07.2015.
- TU-Stadtplaner begleiten städtebaulichen Ideen-Wettbewerb in der Region: Innovations- und Kompetenzcampus für die Asse, Wolfenbütteler Schaufenster, 15.07.2015.
- Eine Sitzbank soll bei der Ideenfindung helfen, Wolfsburger Allgemeine, 13.07.2015.
- Nette Bank - und sonst kaum Interesse, Isenhagener Kreisblatt, 13.07.2015.
- Fördergeld für die Hauptstrasse?, Wolfsburger Allgemeine, 30.06.2015.
- Star-Architekten und der Tunnel des Grauens am ZOB, Tagesspiegel Berlin, 26.06.2015.
- Basis für ein Nachhaltigkeitsprojekt in Bersenbrück, Neue Osnabrücker Zeitung, 29.05.2015.
- Kreis startet Wettbewerb für neuen Campus, Braunschweiger Zeitung, 28.05.2015.
- Hilfreicher Blick von Außen, Diepholzer Kreisblatt, 15.05.2015.
- Projektakademie Ländlicher Raum, Diepholzer Kreisblatt, 15.05.2015.
- Mobilität in den Städten, Braunschweiger Zeitung, 01.11.2014.
- Wolfshäger Zukunftswerkstatt bastelt an vielen Ideen, Goslarische Zeitung, 25.10.2014.
- Ideen für Bromer Hauptstrasse gesucht, Isenhagener Kreisblatt, 31.03.2014.
- Junge Leute denken das Unmögliche, Wolfsburger Nachrichten, 14.03.2014.
- Wege in die Zukunft für die Stadt der Moderne, Wolfsburger Blatt, 05.03.2014.
- Institut für Städtebau interessiert sich für Brome, Wolfsburger Allgemeine, 16.01.2014.
- Uni Notizen, Hessische/Niedersächsische Allgemeine, 11.06.2013.
- Stadtentwicklungstage mit Heinz Buschkowsky, Neue Westfälische, 30.05.2013.

PROJECTS AS INDEPENDENT PRACTICING ARCHITECT AND URBANIST (SELECTION)

- 2017
- NEUES GARTENFELD BERLIN**
Design guidelines for the „new urban district of the 21st century“.
Commissioned by UTB. In cooperation with Man Made Land.
- WEISSE HALLE BERLIN.**
Transformation of a former Siemens factory building to housing.
- BUCKOWER FELDER BERLIN.**
Design guidelines for the new housing area, „Garden City of the 21st Century“.
Commissioned by Stadt und Land Berlin. In cooperation with Anne Lampen Architects.
- DENSIFICATION STRATEGY FOR NEUE VAHR, BREMEN**
Urban development strategy for Neue Vahr Bremen, commissioned by GEWOBA Bremen.
In cooperation with Argus and BGMR.
- DENSIFICATION STRATEGY FOR MÄRKISCHES VIERTEL, BERLIN**
Urban development strategy for Märksiches Viertel Berlin, commissioned by GESOBAU Berlin
- VIENNA HEILIGENSTADT**
3rd prize in the competition for a mixed use quarter and highrise building.
In cooperation with ARUP and Knippers Helbig
- NEU MARX VIENNA**
2nd prize in the competition for a mixed use quarter.
In cooperation with Studio Vlay Vienna and Müller Wehberg
- VOGELSANGER WEG DÜSSELDORF**
2nd prize in the urban design competition
- IBA HAMBURG, IDEENWERKSTATT OBERWILLWERDER**
Invited cooperative workshop
- 2016
- NEW GARTENFELD, BERLIN**
1st prize in the competition for a new urban housing district in Berlin (72 ha).
In cooperation mit Man Made Land, Hoffmann Leichter, Ingenieurbüro Kraft, under construction.
- URBAN! GREENER! DENSER! MORE EQUITABLE! BREMISCHER!**
Masterplan and participatory process for the station area in Bremen.
In cooperation mit Hoffmann Leichter, Transsolar, Christiane Sörensen Landschaft Architecture and Raumschrift
- LIVING AND WORKING IN VIENNA HEILIGENSTADT**
Masterplan for a mix use area in Vienna Heiligenstadt.
Finalist in the international competition.
- 2015
- URBANE MITTE GLEISDREIECK, BERLIN**
1st prize in the international competition for the new Gleisdreieck area in Berlin.
In cooperation mit Knippers Helbig, Marc Feustel, Man Made Land, and Transsolar
- CITY BETWEEN FOREST AND THE OCEAN**
Masterplan for a city for 1 million people near Dakar, Senegal
In cooperation mit Transsolar, Gesswein Landschaftsarchitekten, Mobility in Chain, IQ.
Commissioned by Senegalese Ministry for Housing and Infrastructure.
- PROTOTYPES FOR EFFORDABLE FAST-BUILT HOUSES FOR SENEGAL.**
In cooperation mit Transsolar, IQ. Direct commission
- 2014
- ADIDAS MEET & EAT HERZOGENAURACH**
1st prize in the international competition.
Under construction, in cooperation with Transsolar, Knippers Helbig
- URBAN LIVING BERLIN**
Study for the densification of Berlin. In cooperation with ARUP Berlin
- EDUCATIONAL QUARTER BERLIN TEMPELHOF**
Master plan for a housing quarter for 8.500 inhabitants.
In cooperation with Man Made Land
- BAYERNKASERNE MÜNCHEN**
Finalist in the international competition for a new housing quarter for 12.000 inhabitants.
In cooperation mit Transsolar, Hoffmann Leichter, Man Made Land
- COPENHAGEN BUSINESS SCHOOL**
Finalist in the international competition, in cooperation with GHB Landskab
- HERTZALLEE BERLIN**
3rd prize fort he upgrade of TU Berlin campus, in cooperation with A24
- HAMBURG STELLINGEN**
Prize, housing competition in cooperation mit Man Made Land

- KATHARINA-VON-BORASTRASSE MUNICH**
Prize, housing competition in cooperation mit Man Made Land
- HENSCHELSTRASSE MÜNCHEN**
Prize, housing competition in cooperation mit Man Made Land
- 2013 **DANISH EXPO PAVILLON 2012 IN YEOSU, KOREA**
1st prize, realized
- LUND SCIENCE VILLAGE**
1st prize in the international competition.
In cooperation with Henning Larsen Architects, Transsolar, Rambøll, under construction.
- LINDEN COURTYARDS LICHTENBERG**
2nd prize in the housing competition, in cooperation mit Man Made Land
- 2012 **HOUSE FOR DANCE, BORDEAUX, FRANCE**
1st prize in the international competition
- PORSGRUNN MUSEUM, NORWAY**
1st prize in the international competition, in cooperation with Transform, realized.
- NØRREPORT STATION COPENHAGEN**
1st prize in the international competition, in cooperation with Public Arkitekter, Grontmij, realized.
- 2011 **VESTERVOLDGADE COPENHAGEN**
1st prize in the competition, in cooperation with GHB Landskab, realized.
- KRØYERS PLADS COPENHAGEN**
Housing project, in cooperation mit Vilhelm Lauritzen Architects and GHB Landskab, realized.
- DANTES SQUARE**
1st prize in the competition, in cooperation with GHB Landskab, realized.
- ROSKILDE ROCK MUSEUM**
1st prize in the competition, in cooperation with MVRDV, Transsolar, Rambøll, realized.
- MASTERPLAN DOWNTOWN HØJE-TAASTRUP, COPENHAGEN, DK**
1st prize in the competition
- 2010 **NORTH CAMPUS COPENHAGEN**
1st prize in the competition, realized
- LIBRARY NORDVEST**
1st prize in the competition, in cooperation with Transform, realized.
- 2009 **NORTH HARBOUR COPENHAGEN**
1st prize in the international competition for a new urban district for 40.000 inhabitants with 40.000 work places, competition in cooperation with Rambøll, under construction.
- 2008 **METROPOLZONE COPENHAGEN**
Masterplan for the revitalization of the Copenhagen City Centre, in collaboration with MVRDV, partially realized.
- 2007 **TAASTRUP THEATER**
1st prize in the competition for the energetic upgrade, realized
- ISRAEL SQUARE COPENHAGEN**
1st prize in the competition, in cooperation with Vitras, Prof. Morten Stræde, realized.
- 2006 **OPENING OF THE RIVER SØNDERÅ**
1st prize in the competition, in cooperation with Prof. Morten Stræde, realized.
- 2005 **MASTERPLAN FOR DENMARK'S INSTITUTE OF TECHNOLOGY**
2nd prize in the international competition
1st prize in the international competition for a new urban district for 40.000 inhabitants with 40.000 work places, under construction, competition in cooperation with Rambøll.
- 2008 **METROPOLZONE COPENHAGEN**
Masterplan for the revitalization of the Copenhagen City Centre, in collaboration with MVRDV.
- 2007 **TAASTRUP THEATER**
1st prize in the competition for the energetic upgrade, realized.
- ISRAEL SQUARE COPENHAGEN**
1st prize in the competition, realized, in cooperation with Vitras, Prof. Morten Stræde.
- 2006 **OPENING OF THE RIVER SØNDERÅ**
1st prize in the competition, realized, in cooperation with Prof. Morten Stræde.
- 2005 **MASTERPLAN FOR DENMARK'S INSTITUTE OF TECHNOLOGY**
2nd prize in the international competition.

FEATURED IN (SMALL SELECTION)

Carlow VM, Stubbergaard D. 2012. *Norreport Train Station, The Library* In: Kjeldsen K, Schelde R, Andersen MA, Holm MJ. 2012. *New Nordic. Architecture & Identity*. Humlebæk: Louisiana Museum for Modern Art.

Carlow VM, Stubbergaard D. 2010. *Magic Mountains*. In: AECOM (Firm) (ed.). 2010. *Asia beyond growth: urbanization in the world's fastest-changing continent*. San Francisco: ORO Editions, 76-105.

Carlow VM. 2009. *Urban Delta*. In: Holm MJ, Kjeldsen K (eds.). 2009. *Green architecture for the future*. Humlebæk: Louisiana Museum of Modern Art.

Carlow VM. 2009. *Nordholmene Urban Delta*. In: DAC (ed.). 2009. *A closer look at sustainable visions and projects of Danish architects and engineers: building sustainable communities*. Copenhagen: Danish Architecture Center, 36-37.

GRANTS, PRICES, AWARDS, HONORS, STIPENDS

2017	Nominated for LehrLEO-Award 2017, Award for good teaching practice awarded by students of TU Braunschweig for "MAKING CITIES. bsmoocs"
2014, 2015	Fellow Alexander-von-Humboldt Foundation
2012	MIPIM Award - Best Refurbished Building (Library Copenhagen Nordvest)
2011	"Hovestadens Forskønnelses Pris", Award for the best public building in the City of Copenhagen (Library Copenhagen Nordvest)
2010	Visiting Architect, Travel Scholarship of the Danish Arts Foundation (Statens Kunstfond)
2008	Designpulje: Award for "considerable contributions to Danish Architecture", awarded by the Danish Minister for Culture (Statens Kunstfond)
2006	Golden Lion, Best Pavillon, 10th Architecture Biennale Venice
2005	Phd Scholarship Royal Danish Academy of Fine Arts Copenhagen
2001	Heinz-Knobloch-Travel Scholarship
2000 - 2001	Erasmus-Scholarship (TU Delft)