

	Author	Title	First supervisor	Second/third supervisor	Semester of Defence
47	Ortiz Lopez, Lorena	Analyzing the relevance of Active Mobility in the design of a Smart City	Prof. Dr.-Ing. Lutz Gaspers	Dr.-Ing. Walter Vogt	WiSe2024/25
46	Parmar, Shantanu	Integration of renewable energy sources in electric vehicle charging infrastructure	Prof. Dr.-Ing. Lutz Gaspers	Dipl.-Ing. Rebecca Heckmann	WiSe2024/25
45	Bodylevskaya, Mariya	Proposing and demonstrating a toolbox for designing bioswales and evaluating their impact on sustainability using Building Information Modeling (BIM): a case study of Breitscheidstrasse, Stuttgart	Prof. Dr. Iris Belle	Dipl.-Ing. Andreas Luka	WiSe2024/25
44	Savalskii, Denis	Integrating Building Information Modeling (BIM) and Geographic Information Systems (GIS) for Enhanced Management and Efficiency of Urban Infrastructure in Smart Cities	Prof. Angela Blanco-Vogt	M.Sc. Hamidreza Ostadabbas	WiSe2024/25
43	Allamyradov, Gaygysyz	Municipal Heat Planning in Germany – Innovative Sustainable Infrastructure Financing Approaches for Funding the Implementation	Prof. Dr. Tobias Popovic	Andrew Yarhamadi, MBA	WiSe2024/25
42	Amaan Shaikh	"Enhancing Building Functionality and Sustainability: Assessing the Advantages of Integrating Flexibility into Design and Construction Processes"	Prof. Dr. Iris Belle	Prof. Jan Cremers	WiSe2023/24
41	Jonah Scheible	What are the impacts of digital transformation for a real estate service developer in particular on real estate project development processes and how can approaches be developed to adapt to the transformation?	Professor Jakob von Heyl	Fabian Gierl	WiSe2023/24
40	Tirtha Mandhle	'Investigating the Barriers in Adoption of Smart Home Energy Management Systems (SHEMS) in Single Homes with an aim to identifying solutions for planning to end user: A Cross-Case Comparison of Germany and India'	Prof. Dr. Iris Belle	Professor Dr.-Ing. Jan Cremers	SoSe2024
39	Prajwal Hosmane Ashok Kumar	"The role of AI in designing responsive urban spaces for people with disabilities" Designing Inclusive and Accessible Urban Spaces with AI	Dr.-Ing. Christina Simon-Philipp	Dipl. Ing. Cathrin Krumrey	WiSe2023/24
38	Sasika Goonawardana	Study of Urban Environments: Proposing Guidelines for Sustainable Development for Mixed-use Urban Neighborhoods Adhering to the "15-minute City Concept."	Prof. Dr. Iris Belle	Ms.Catalina Díaz, M.Sc	WiSe2023/24
37	Timothy Fuller	Three Ladders of Participation: A Proposed Model for Public Social Spaces	Professor Dr. -Ing. Philipp Dechow	Uli Sailer	WiSe2023/24
36	Sila Egridere	Understanding Urban Emotions to Design an Urban Development Project for a Smart City Using Neuroarchitecture as a KPI	Prof. Dr. Iris Belle	Dr. Nourhan Bassam Elhalawany	WiSe2023/24
35	Aliyu Bobbori Mohammed	Design of a Waste and Recyclables Islands Case Study of Khalil Al Salem Street, Amman, Jordan	Prof. Dr. Iris Belle	Dr. Florian Kölsch	WiSe2023/24
34	Pavithra Arumugam	Analysis of Challenges in Implementing Business Intelligence (BI) Tools for Corporate Real Estate: Enablers, Barriers, and Strategic Insights	Prof. Dr.-Ing. Jakob von Heyl	Prof. Dr.-Ing. Heiko Gsell	SoSe2024
33	Nataly Martinez	Comparison of Implementation vs non-Implementation of Carbon Dioxide Capture Technologies in Cities	Prof. Dr. Iris Belle	Dipl.-Ing. Matthias Schaeppers	SoSe 2023
32	Khaled Elwan	Innovative Technologies for Recycling Construction Waste in Road Building for Smart Cities: the German Case	Prof. Dr. Iris Belle	Prof. Dr.-Ing. Heidrun Bögner-Balz	SoSe 2023
31	Jay Chapaneriya	Integral Planning for Smart Residential Waste	Prof. Dr. Iris Belle	Dr. Hanns Menzel	SoSe 2023
30	Enisa Selmanaj	Smart tourism and smart city goals: an exploration/ guideline of the implementation of technologies for experience enhancing and their potential to increase sustainability	Prof. Dr. Iris Belle	Katharina Aguilar	WiSe 2022/23
29	Hirad Narimannejad	Sharing City and Tactical Urbanism: how smart city can enable and promote citizen participation in a more interactive way	Prof. Dr.-Ing. Philip Dechow	Dipl.-Ing. Cathrin Krumrey	WiSe 2022/23
28	Omid Nikkhah	Exploring the applicability of machine learning as a supporting instrument in public participation	Prof. Dr. Iris Belle	Dr. phil. Sven Schneider Dr.-Ing. Julian Petrin	WiSe 2022/23
27	Vikas Rao Aroor Mundadi	Guidelines for last mile connectivity with a focus on micro mobility infrastructure planning model for smart cities	Prof. Dr.-Ing. Markus Schmidt	Dr. Barbara Flügge	WiSe 2022/23
26	Dimitris Zervas	Future MAAS Systems with hydrogen-powered shared vehicles inside smart cities	Prof. Dr. Iris Belle	Prof. Dr.-Ing. Markus Schmidt	WiSe 2022/23
25	Abdelhameed Mohamed	Key context indicators for smart city developments	Prof. Dr. Iris Belle	DI Ghazal Etminan	WiSe 2022/23
23	Naim Meftah	What challenges does the public sector face when tendering for autonomous buses and what can this look like? An example based on a fictitious small town in a rural area	Prof. Dr. Iris Belle	Adnan Rao, M.Sc.MBA	SoSe 2022
22	Mireille Jean	To what extent can the adoption of innovations in residential street design improve the resilience of a neighbourhood of Quebec City?	Prof. Dr.-Ing. Christina Simon-Philipp	Prof. habil Ursula Eicker Phd Dr.-Ing. Nicole Baron	SoSe 2022
21	Divya Karthikeyan	Sustainable Municipal Waste Management: Comparing the carbon footprint of ECO CYCLING as an alternate to traditional solid waste disposal practices	Prof. Dr. Tobias Popovic	Dr. Gunnar Gladen	SoSe 2022
20	Dhanesh A.D. Chaturanga	Social Capital in collaborative decision-making as a tool for creating a smart region in developing countries. With special reference to handicraft industries in Sri Lanka	Prof. Dr. Iris Belle	Prof. Fabienne Hoelzel	SoSe 2022
19	Achim von Neefe	Smart districts and grid reliability	Prof. Dr. Tobias Popovic	Dr. Azar Shahgholian	WiSe 2021/22
18	Maroun Aad	Attempt on easing building integrated photovoltaics' software simulation: focus on visualisation and luminance image generation by MorphoColor© case study	Prof. Dr. Julian Petrin	Dr. Bruno Bueno Janina Willmann MSc	WiSe 2021/22
17	Helen Dawood	The relevance of digital tools for increasing refurbishment rates in residential buildings in Germany	Prof. Dr. Tobias Popovic	Dr. Dilay Kesten Erhart	WiSe 2021/22
16	Madhavi Phatak	Contribution of Shared Autonomous Vehicles (SAVs) in restructuring and transformation of the public streets	Prof. Dr. -Ing. Markus Schmidt	Dr. Stefan Carsten	WiSe 2021/22
15	Abeo Trotter	The role of nature-based solutions in addressing the urban drainage challenges in the city of Kochi	Prof. Roland Dieterle	Mr. Marius Mohr	WiSe 2021/22
14	Olga Timofeeva	Mobility drives real estate: What requirements should mobility solutions fulfil in order to be incorporated in real estate development projects?	Prof. Dr. Iris Belle	Dr. Barbara Flügge	SoSe 2021
13	Taha Al-Taie	An innovative approach to smart finance of foreign funding for socially, environmentally and economically sustainable infrastructure projects	Prof. Dr. Iris Belle	Mr Jochen Scherer	SoSe 2021
12	Vipul Vinod Sarnot	Simulation-based parameter study (energetic/economic) for the design of solar thermal energy as a second heat source for an existing regenerative local heating network (wood chip firing) in Weihenbronn in the municipality of Wüstenrot	Prof. Dr. Bastian Schröter	Dr. phil. Dirk Pietruschka	SoSe 2021

	Author	Title	First supervisor	Second/third supervisor	Semester of Defence
11	Asmita Nandkishor Rawool	Analysis of mobility solutions in smart cities (rural areas)	Prof. Dr. Tobias Popovic	Ms. Ezgi Gökdemir	SoSe 2021
10	Halimeh Abuayyash	Biophilic smart cities: urban, nature, people. Relations in arid regions	Prof. Dr. Jürgen Breuste	Prof. Roland Dieterle	WiSe 2020/21
9	Amruta Jayawant	Active citizen engagement as an asset for conservation and management of urban water bodies: a case study of rejuvenation of water canals in city of Kochi, India	Dr.-Ing. Nadine Kuhla von Bergmann	Dr.-Ing. Marius Mohr	WiSe 2019/21
8	Rhea Clarissa Fernandes	Evaluation of EU funded smart city projects to inform funding bodies and participating entities	Dr.-Ing. Nadine Kuhla von Bergmann	Prof. Dr. Iris Belle	WiSe 2019/20
7	Sanjana Ravi	Framework of design consideration for autonomous buses in complex urban systems: Analysis of the challenges for the implementation of autonomous buses using German streets as case study	Dr.-Ing. Nadine Kuhla von Bergmann	Prof. Dr.-Ing. Markus Schmidt Dipl.-Geogr. Sascha Behnsen	WiSe 2019/20
6	Mitchelle Rosales Calderon	Digital visual tools as supporting instruments for collaborative decision-making process in smart city projects: Case study with SWM for "Smart M-Quartier"	Dr.-Ing. Nadine Kuhla von Bergmann	Dipl.-Ing. Andreas Herrscher	WiSe 2019/20
5	Abdelrahman Shaikh Ali	Assessing the relationship between temporal change of urbanization and urban vegetation cover and its implication on the vulnerability to urban heat islands for Karlsruhe and Rheinstetten cities	Prof. Dr. Armin Grunwald	Prof. Dr.-Ing. Dietrich Schröder	WiSe 2019/20
4	Susann Konratzki	A corporate responsibility analysis toolkit facilitating brand spaces' function as interaction and integration incubators for sustainable development in metropolitan areas	Prof. Dr. Sabine Rein	Int. Dipl. BW Werner Maier	WiSe 2019/20
3	Michelle Joanna Fuentes Cabeza	How to reduce the energy consumption and carbon footprint in office buildings using the example of Bosch in Schwieberdingen?	Prof. Dr. Tobias Popovic	William Pissolatti, M.P.M.	WiSe 2019/20
2	Anna-Lena Fischer	Development of a vision for sustainable industrial factory conversion as contribution to sustainable urban development. Case: Mercedes-Benz AG, Sindelfingen	Prof. Roland Dieterle	Dipl.-Kffr. Katja Halbherr	WiSe 2019/20
1	Alaa Sndyan	The city's role in strengthening the natural ecosystem habitat developing a conceptual framework for urban designer to integrate nature-based solutions	Prof. Ralf Petersen	Carmen Antuna Rozado, M.Sc.	WiSe 2019/20