

## **Maja Kevdžija**

Assistent Prof. Dr.-Ing. MSc EDAC

Karlsplatz 13  
1040 Wien  
Österreich

+43 1 58801-253175  
maja.kevdzija@tuwien.ac.at  
[majakevdzija.com](http://majakevdzija.com)



Maja Kevdžija, born in 1989, works as an Assistant Professor (Tenure Track) in Healthcare Design. She studied architecture at the University of Belgrade (B.Arch.) and TU Delft (M.Sc.) and obtained her PhD in 2020 at the Faculty of Architecture at Technische Universität Dresden, Germany. Her PhD research study on Mobility-Supporting Rehabilitation Clinics for Stroke Patients was awarded multiple national and international awards, most notably the Healthcare Environment Award 2020 (USA), the 2021 European Healthcare Design Award in the Design Research category (UK) and the 2021 EDRA Certificate of Research Excellence (CORE) with Merit Status (USA). Her research work focuses on improving built environments for recovery after a stroke.

### **Education**

- 2015 – 2020 Doctorate (Dr.-Ing.) at TU Dresden, Faculty of Architecture, Chair of Social and Health Care Buildings and Design with the thesis "Mobility-supporting rehabilitation clinics" awarded summa cum laude
- 2011 – 2013 Master of Science in Architecture, TU Delft, Faculty of Architecture and the Built Environment
- 2008 – 2011 Bachelor of Architecture, University of Belgrade, Faculty of Architecture

### **Research Topics**

- healthcare design
- evidence-based design
- environments for rehabilitation of stroke patients

### **Teaching Experience**

- Entwurfskurs Stegreifentwerfen - Campus for Everyone, TU Dresden, 2016
- Entwurfskurs Stegreifentwerfen - Temporary Architecture, TU Dresden, 2016/2017
- Entwurfskurs Stegreifentwerfen - Refugees in the city: From emergency to permanence, TU Dresden, 2017
- Entwurfskurs Stegreifentwerfen - Campus for Everyone, TU Dresden, 2017/2018
- Kleiner Entwurf - Reich der Sinne, TU Dresden, 2018
- Architektur von Sozial- und Gesundheitsbauten, TU Dresden, 2018 - 2020
- Wissenschaftliche Arbeit - Forschungsmethoden in der Architektur, TU Dresden, 2019
- Entwurfskurs Stegreifentwerfen - Tape Art on Campus, TU Dresden, 2019
- Kleiner Entwurf - Grenzenlos Wassersport - Bootshaus am Scharmützelsee, TU Dresden, 2019
- Entwurfskurs Stegreifentwerfen - SMART EMERGENCY: Ideen für die Notfallversorgung, TU Dresden, 2019/2020
- Wissenschaftliche Arbeit + Ausgewählte Kapitel 2 der Gebäudelehre - SMART EMERGENCY: Der neue Krankenhaustyp im Herzen der Stadt, TU Dresden, 2019/2020
- Kleiner Entwurf - PITTORESQUE - Orte Schweizermühle, TU Dresden, 2020
- Lecture and assignment in Case Study Methods course, ERASMUS teaching visit (ERASMUS-Lehraufenthalt), TU Delft, The Netherlands, 2020
- Wissenschaftliche Arbeit + Ausgewählte Kapitel 2 der Gebäudelehre- Wie wollt IHR wohnen?: Konzepte für das Studierendenwohnheim der Zukunft, TU Dresden, 2020
- Wissenschaftliche Arbeit + Vertiefungsmodul Gebäudelehre + Ausgewählte Kapitel 2 der Gebäudelehre- Krebstherapie und Architektur, TU Dresden, 2020/2021
- Kleines Entwerfen "Social Infrastructure: Corona-Architecture", TU Wien, 2021

- Spezialgebiete der Gebäudelehre - Healthcare and Dementia, TU Wien, 2021/2022
- Wahlseminar Gebäudelehre - Healthcare Architecture Reserch, TU Wien, 2022
- Seminar für DissertantInnen - Vertiefungsseminar Städtebau, TU Wien, 2022

### Publications

- Kevdzija, M., Bozovic-Stamenovic, R., & Marquardt, G. (2022). Stroke Patients ' Free-Time Activities and Spatial Preferences During Inpatient Recovery in Rehabilitation Centers. *HERD: Health Environments Research & Design Journal*, 1–18.
- Kevdzija, M. (2022). "Everything looks the same": wayfinding behaviour and experiences of stroke inpatients in rehabilitation clinics. *International Journal of Qualitative Studies on Health and Well-Being*, 17(1), 2087273.
- Kevdzija, M., & Marquardt, G. (2022). Impact of distance on stroke inpatients' mobility in rehabilitation clinics: a shadowing study. *Building Research & Information*, 50(1–2), 74–88.
- Kevdzija, M. (2022). A day in stroke rehabilitation: Exploring different inpatient experiences [preprint]. *The Evolving Scholar | ARCH22*.
- Kevdzija, M. (2022). Using shadowing for architectural research in healthcare environments: Opportunities and Challenges [preprint]. *The Evolving Scholar | ARCH22*.
- Kevdzija, M., & Marquardt, G. (2021). Stroke patients' nonscheduled activity during inpatient rehabilitation and its relationship with the architectural layout: A multicenter shadowing study. *Topics in Stroke Rehabilitation*, 29(1), 9–15.
- Kevdzija, M. (2020). Mobility-supporting rehabilitation clinics - Architectural design criteria for promoting stroke patients' independent mobility and accommodating their changing spatial needs during the transition towards recovery (Doctoral dissertation, Technische Universität Dresden).
- Kevdzija, M., & Marquardt, G. (2019). Mobility-Supporting Rehabilitation Clinics: Architectural Barriers and Facilitators to Mobility of Stroke Patients. *Sustainable Urban Environments: Research, Design and Planning for the Next 50 Years*. (conference proceedings)
- Kevdzija, M. (2019). Transitional Model for Stroke Rehabilitation Clinics: Translating Research Results into Design Recommendations. *Sustainable Urban Environments: Research, Design and Planning for the Next 50 Years*. (conference proceedings)
- Kevdzija, M., & Marquardt, G. (2018). Physical Barriers to Mobility of Stroke Patients in Rehabilitation Clinics. In: Langdon P., Lazar J., Heylighen A., Dong H. (eds) *Breaking Down Barriers. CWUAAT 2018*. Springer, Cham

### Research Projects

- 2015 - 2020    Mobility-Supporting Rehabilitation Clinics  
European Social Fund (ESF) and the Sächsische Aufbaubank  
Role: Individual PhD project
- 2022 - 2025    BUILD CARE - Building Support for Children and Families Affected by Stroke  
Horizon 2020 - EJP Cofund  
European Joint Programme on Rare Diseases - "Social sciences and Humanities Research to improve health care implementation and everyday life of people living with a rare disease"  
Partners: TU Wien, MedUni Wien, TU Dresden, KU Leuven  
Role: Project Coordinator, PI for Architecture at TU Wien

### Conference Presentations

- Presentation "Using shadowing for architectural research in healthcare environments: Opportunities and Challenges" at ARCH22: Enabling health, care and well-being through design research, Delft, the Netherlands, 2022
- Presentation "A day in stroke rehabilitation: exploring different inpatient experiences" at ARCH22: Enabling health, care and well-being through design research, Delft, the Netherlands, 2022
- Presentation "Mobilitätsunterstützende Rehabilitationskliniken" at Bau und Betrieb von Rehakliniken und Reha-Einrichtungen, Berlin, Germany, 2022 (invited speaker)
- Presentation "Rethinking the Design of Stroke Rehabilitation Clinics" at EDRA52Detroit: Just Environments - Transdisciplinary Border Crossings conference, Detroit, USA (virtual conference due to COVID-19 pandemic), 2021
- Presentation "Should I stay or should I go? Observational research from a distance" as an invited speaker

- at the ARCOM Doctoral Workshop: Beyond Surveys and Interviews, UK (virtual), 2021
- Presentation "Transitional Model for Rehabilitation Clinics" at the award ceremony for the recipients of 2020 Healthcare Environment Awards at HCD - Healthcare Design Virtual Conference, 2020
- Presentation "Design guidelines for planning mobility-supporting rehabilitation clinics for stroke patients" at ESO-WSO 2020: Joint European and World Stroke Organization Conference, Vienna, Austria (Virtual conference due to Covid-19 pandemic), 2020
- Poster presentation "Architectural barriers to independent mobility of stroke patients in rehabilitation clinics" at ESO-WSO 2020: Joint European and World Stroke Organization Conference, Vienna, Austria (Virtual conference due to Covid-19 pandemic), 2020
- Poster presentation "Supporting and motivating independent mobility of stroke patients via rehabilitation clinic design" at ESO-WSO 2020: Joint European and World Stroke Organization Conference, Vienna, Austria (Virtual conference due to Covid-19 pandemic), 2020
- Presentation "Mobility-supporting rehabilitation clinics: Architectural barriers and facilitators to mobility of stroke patients" at EDRA50Brooklyn: Sustainable Urban Environments, Brooklyn, New York City, USA, 2019
- Poster presentation "The transitional model for stroke rehabilitation clinics: Translating research results into design recommendations" at EDRA50Brooklyn: Sustainable Urban Environments, Brooklyn, New York City, USA, 2019
- Presentation "Physical Barriers to Mobility of Stroke Patients in Rehabilitation Clinics" at IAPS 2018 Rome: Transitions to sustainability, lifestyles changes and human wellbeing: cultural, environmental and political challenges, Rome, Italy, 2018
- Poster presentation "Promoting mobility of stroke patients in rehabilitation clinics: The design of common rooms" at IAPS 2018 Rome: Transitions to sustainability, lifestyles changes and human wellbeing: cultural, environmental and political challenges, Rome, Italy, 2018
- Presentation "Physical barriers to mobility of stroke patients in rehabilitation clinics" at CWUAAT: Cambridge Workshop on Universal Access and Assistive Technology, Cambridge, United Kingdom, 2018
- Poster presentation "Promoting mobility: Stroke patients and the design of rehabilitation clinics" at CWUAAT: Cambridge Workshop on Universal Access and Assistive Technology, Cambridge, United Kingdom, 2018
- Poster presentation "Architectural facilitators and barriers to mobility of stroke patients in rehabilitation clinics" at EDRA48Madison: Voices of Place: Empower, Engage, Energize conference, Madison, Wisconsin, USA, 2017

### **Awards**

- European Healthcare Design Award 2021 in the category Design Research Project, awarded by SALUS Global Knowledge Exchange and Architects for Health, UK
- EDRA Certificate of Research Excellence (CORE) 2021 with Merit Status, awarded by Environmental Design Research Association (EDRA), Pinole, California, USA
- Commendation, Forschungspreis 2021, Fürst Donnersmarck-Stiftung Berlin
- Dr. Walter Seipp-Preis 2020 for an outstanding PhD dissertation, awarded by Commerzbank-Stiftung
- 2020 Healthcare Environment Award, Student Winner for Post-Graduate Project, awarded by The Center for Health Design, Concord, California, USA
- Nomination, Dresden Excellence Award, City of Dresden, 2020
- Travel Award, Graduate Academy, TU Dresden in 2017, 2018 and 2020
- Award "Portfolio 33", for 33 most talented architects in Serbia younger than 33, Arhitekton Magazine, 2013

### **Certifications**

- EDAC certificate (Evidence-Based Design Accreditation and Certification), The Center for Health Design