WORKSHOP UNIVERSAL DESIGN / UMKA

Urban and community sustainability in planning and architecture BIN SGS02_003

21st November 2023 / Faculty of Architecture and Design, STU in Bratislava / room 223

10:00 Introduction - project UMKA, Accessible EU
Lecturer: Zuzana Čerešňová (Associate Professor, Vice-dean for Research FAD STU, CEDA - Slovakia)

10:30 Universal Design of Public Spaces
Lecturer: Ana Llopis Alvarez (Associate Professor, University of Stavanger, Department of Industrial Economics, Risk Management and Planning - Norway)

10:30 - 11:15 Lecture: Universal Design permeates the principles that underpin our national and regional planning priorities and can therefore add value at all levels in our planning system creating responsive, functional, inclusive, and sustainable cities and towns.

11:15 - 12:00 Exercise: The participants will be given examples of small-scale urban areas. In groups, they will work together to analyse the universal design in the given examples. The participants will present their findings and suggest new strategies and measures, if needed.

12:00 - 12:30 Coffee break

12:30 Assisted Living in Smart Homes
Lecturer: Tegg Westbrook (Associate Professor, Faculty of Science and Technology, Department of Safety, Economics and Planning, University of Stavanger - Norway)

12:30 - 13:15 Lecture: The lecture will explore how safety, remote communication, energy management, medication management, and emergency response can contribute to specific assisting living needs. It also addresses the problems associated with the greater reliance on technology, including privacy and the problems of technology-facilitated domestic abuse.

13:15 - 14:00 Exercise: The participants will be working in teams to focus on the cost vs benefits of specific devices, including wearables, voice activation, verification systems (CCTV), and measure how they can enhance their care needs.

14:00 - 14:30 Coffee break

14:30 Design for neurodiversity
Lecturer: Cathy Dalton (Architect, design researcher, MUSE Design founder - Ireland)

14:30 - 15:15 Lecture: The lecture explains the concept for responsive environment which maximises individual user wellbeing. The personal environment, including the sensory environment, is managed and personalised through processing of contextualised biometric data indicative of patterns of user behaviour and affect (mood, especially stress).

15:15 - 16:00 Exercise: Participants will collectively examine a design project and consider whether and how they could modify it to better meet the needs of neurodiverse users.