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Professor Dr. Ardeshir Mahdavi is the Director of the Department of Building Physics and Building Ecology, the Head of the Institute of Architectural Sciences, as well as the Chair of the Graduate Studies Program in Building Science and Technology at TU Vienna, Austria.

Professor Mahdavi's area of research and teaching covers building physics and building ecology, energy-efficient and sustainable buildings, building informatics and computational building performance simulation, building monitoring, diagnostics, controls, and automation. Professor Mahdavi has contributed to a number of internationally influential research efforts pertaining to building physics and building ecology, indoor climate, integrated computational design support systems, building automation, and human factors. He has pioneered the application of simulation-based predictive building systems control methods and the introduction of human ecological reasoning in building science.

Professor Mahdavi is a frequent keynote speaker at international scientific conferences. He has held academic positions at numerous countries around the world, including USA, Singapore, Brazil, Germany, and India. He has authored close to 700 publications in peer-reviewed scientific journals and conference proceedings. His current and past organizational memberships include IBPSA, ASHRAE, IESNA, and SHE. He is a member of the editorial board of multiple international scientific journals in the fields of energy, buildings, environment, and performance simulation. Professor Mahdavi is a fellow of IBPSA (International Building Performance Simulation Association) and the recipient of the IBPSA Distinguished Achievements Awards.