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IBPSA affiliation	IBPSA-China (International Building Performance Simulation Association)
Position and function in IBPSA local/world	National Representative in IBPSA-China
Member of IBPSA since..[year]	2006
Affiliation	IBPSA-China
Short paragraph describing background and interests not exceeding 200 words	Da Yan, has been working in School of Architecture, Tsinghua University since 2005. His research focuses on energy efficiency of buildings including human energy-related behavior modelling and simulation in buildings, DeST research and development, building energy code and standards, and national building energy and policy study. He is the operating agent of IEA EBC Annex 66 with more than 100 participants from more than 20 countries. The annex aims to set up a standard definition platform, to establish a quantitative simulation methodology to model occupant behavior, and to understand the influence of occupant behavior on building energy use and indoor environment. He devoted his effort into the development of the building energy simulation tool DeST (Designer's Simulation Tool) since 2000. The major features of DeST include three dimensional underground heat transfer simulation, coupling CFD and energy simulations, occupant behavior simulation, uncertainty analysis methodology for internal heat gains, etc. His research with regard to building energy code and standards includes climate data, supporting code development, and enhancing DeST as a compliance tool.