



Intelligent Buildings & Digital Home Forum

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Handlery Hotel San Diego



Igor Mezic

Chief Scientific and Technical Advisor, Co-Founder
Ecorithm, Inc.

Biography:

Dr. Mezic is a world-renowned expert in the field of building energy efficiency. He is a Professor of Mechanical Engineering at University of California, Santa Barbara (UCSB), where he serves as Director of the Center for Energy Efficient Design, and Head of the Building and Design Solutions Group at the Institute of Energy Efficiency. UCSB's Institute for Energy Efficiency – where Prof. Mezic is a founding member – is an interdisciplinary research institute dedicated to the development of cutting-edge science and technologies that support an efficient and sustainable energy future. Dr. Mezic is also an expert in complex dynamical systems, both a member of the Center for Control, Dynamical Systems and Computations, and the California Nanosystems Institute.

His major scientific contribution in this field has been the development of operator-theoretic methods for analysis of complex dynamical systems, that led to a massive number of applications in “Big Data Dynamics” – a term he coined.

After receiving his Ph.D. at Caltech in Applied and Theoretical Mechanics, Dr. Mezic became an Assistant Professor at UCSB, where he was promoted to a Full Professor in 2003. Dr. Mezic also served as an Associate Professor at the Harvard School of Engineering and Applied Sciences.