Panos Y. Papalambros
Biographical Summary

Panos Y. Papalambros is the James B. Angell Distinguished University Professor and the Donald C. Graham Professor of Engineering. He is a Professor of Mechanical Engineering; Professor of Architecture, and Professor of Art and Design; and serves as the founding Chair and Professor of the Integrative Systems & Design Division, College of Engineering, at the University of Michigan.

He holds a diploma in Mechanical and Electrical Engineering (1974) from the National Technical University of Athens and MS (1976) and PhD (1979) degrees in Mechanical Engineering from Stanford University. He has served as a faculty member at the University of Michigan since 1979.

During his tenure at Michigan he served as mechanical engineering department chair (1992-98, and 2007-08) and as founding director of several research laboratories and centers: Optimal Design (ODE) Laboratory (1980-); Design Laboratory (1990-92); Ford Durability Simulation Center (1992-94); Automotive Research Center (1994-2003); General Motors Collaborative Research Laboratory (1998-2002); the Antilium Project (2003-2008), and the Ford BlockM Sustainability Laboratory (2006-2009). He was the founding chair and director of the University of Michigan interdisciplinary Design Science Doctoral Program (2006-2011).

His research interests include design science and design optimization, with applications to sustainable design, automotive systems, such as hybrid and electric vehicles; design of complex engineered systems; and architectural design. With D. J.Wilde, he co-authored the textbook Principles of Optimal Design: Modeling and Computation (1988, 2000, 2016 forthcoming). He has published over 340 articles in journals, conference proceedings, and books.

He is the founding Editor-in-Chief of the journal *Design Science* (2015-). He is a past Chief Editor of the ASME Journal of Mechanical Design (2008-2012) and associate editor of the journals Global Optimization, Computer-Integrated Engineering, and the Japan Society of Mechanical Engineers International Journal. He currently serves on the editorial boards of the journals Artificial Intelligence in Engineering Design and Manufacturing, Engineering Design, Engineering Optimization, Structural and Multidisciplinary Optimization, Reliability & Safety, and Product Development. He also serves as Vice President on the Board of Management of the Design Society.

He is a Fellow of ASME and SAE, and the recipient of the ASME Design Automation Award (1998), ASME Machine Design Award (1999), Japan SME Design and Systems Achievement Award (2004), ASME Joel and Ruth Spira Outstanding Design Educator Award (2007), Stephen S. Attwood Award (highest engineering honor in the University of Michigan, 2009), the ASEE Ralph Coats Roe Award (2014) and the ASME Robert Abbott Award (2014).