

BOPAYA BIDANDA – Brief Bio

Bopaya Bidanda is currently the Ernest E. Roth Professor and Chairman of the



Department of Industrial Engineering at the University of Pittsburgh, in addition to being the Director of the Manufacturing Assistance Center (MAC) and the Director of the Center for Industry Studies. His research focuses on Manufacturing Systems, Reverse Engineering & Rapid Prototyping, Product Development and Project Management. He has published 10 books and over 100 papers in international journals and conference proceedings. Recent books include the Business of Humanity (Routledge Press), Virtual Prototyping & Bio-manufacturing in Medical applications (Springer), The Evolution of Project Management (PMI Press). He has given invited and

keynote talks in Asia, South America, Africa and Europe. He also helped initiate and institutionalize the Engineering Program on the Semester at Sea voyage in 2004.

He has previously served as the President of the Council of Industrial Engineering Academic Department Heads (CIEADH) and has just completed a second rotation on the Board of Trustees of the Institute of Industrial & Systems Engineers. He also serves on the International Advisory Boards of universities in India and South America. He has Visiting Professorships in Singapore and Turkey. He especially values undergraduate engineering education and continues to serve as Faculty Advisor to multiple student societies.

Dr. Bidanda is a Fellow of the Institute of Industrial Engineers and currently serves on the Executive Committee of the Engineering Accreditation Commission of ABET. In 2004, he was appointed a Fulbright Senior Specialist by the J. William Fulbright Foreign Scholarship Board and the U.S. Department of State. He worked with the Universidad de Montevideo as part of this award. He received the 2012 John Imhoff Award for Global Excellence in Industrial Engineering given by the American Society for Engineering Education. He also received the International Federation of Engineering Education Societies (IFEES) 2012 Award for Global Excellence in Engineering Education in Buenos Aires and also the 2013 Albert Holzman Award Distinguished Educator Award given by the Institute of Industrial Engineers. In recognition of his service to the engineering discipline, medical community and the University of Pittsburgh, he was honored with the 2014 Chancellors Distinguished Public Service Award.

Over the past decade, he has delivered keynote and plenary addresses at conferences in Brazil, Israel, Turkey and India. He has helped develop innovative courses focusing on global engineering education including “Engineering the German Way” in collaboration with the Munich University of Applied Sciences, in Uruguay titled “Global Supply Networks in Latin America” in collaboration with the Universidad de Montevideo, and “Engineering & Business Collaborations in India” in collaboration with RV College of Engineering, Bangalore, India. He consults actively with industry and has worked with the U.S. Navy, the Department of National Defence (Canada), Cartier Inc., UPMC (the hospital system), and a wide range of small and medium sized industries. His work has been funded by the RK Mellon Foundation, the Heinz Endowments, and the U.S. Department of Commerce to utilize the Manufacturing Assistance Center to transform a local community.