



SECOND INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATIONS AND COOPERATION

Speaker's Biography

Rich Chapas, Director, Industrial Collaboration Intellectual Asset Management



Dr. Chapas is responsible for providing leadership in the development and management of Pacific Northwest National Laboratory's programs for the Industrial Sector across the Laboratory's four mission directorates and all of the Laboratory's product lines.

Prior to joining Battelle, Dr. Chapas ran his own consulting business and worked for the following companies: Rayonier, Vice President of Research & Development, Kimberly-Clark, Senior R&D Manager; Johnson & Johnson, Group Leader; and Eastman Kodak, Senior Scientist. While operating his own business, he served as: Chief Operating Officer for Cara Plastics, a University of Delaware start-up company producing bio-based materials; Industrial Liaison for the Particle Engineering Research Center at the University of Florida; technical consultant for Wellman which is a producer and recycler of polyester fiber; and Strategic consultant for Lysac which is a Canadian start-up producing bio-based superabsorbents.

Dr. Chapas has a breadth of experience in developing and commercializing new products. His expertise in innovation and sustainable development provides for unique solutions to market opportunities. His patent portfolio includes products which are generating over \$30M in sales. He has worked with USDA and NREL in developing new products.

He is a member of the Industrial Research Institute, where he has served as chair for subcommittees on Knowledge Management and Research on Research. Dr. Chapas is also a board member for the Center for Sustainable Enterprise at the Kenan-Flagler Business School at the University of North Carolina. In this role, Dr. Chapas works with academic and industrial experts to develop a methodology for product development directed at the needs of the developing world. He has presented papers throughout the world on sustainable development.

His academic training includes a B.S. in Chemistry from St. Vincent College and a Ph.D. in Organic Chemistry from University of Illinois. His specific expertise includes natural and synthetic polymer chemistry, nonwovens, composites, adhesives, and absorbent materials.