

Dr. Nabil R. Adam
Short Biographical Sketch

I. Research: Dr. Adam is on loan as a Fellow to the US Department of Homeland Security - Infrastructure & Disaster Management Division, Science & Technology Directorate where he serves as a Branch Chief and manages the Complex Event Modeling, Simulation, and Analysis program initiated in 2008. He is also serving as the National/Interagency Mathematical and Simulation Modeling Technology Advisor on Computational Science & Technology to the National Infrastructure Simulation and Analysis Center. In addition, he serves as the technical lead for the Unified Incident Command & Decision Support System program and has initiated the Cyber-physical Systems Security initiative. Dr. Adam is a Professor of Computers and Information Systems at Rutgers University; the Founding Director of the Rutgers University Center for Information Management, Integration and Connectivity (CIMIC); and the Director of the information Technology for Emergency mAnageMent (i-TEAM) Research Laboratory. Dr. Adam is one of the Co-founders and past Director of the Meadowlands Environmental Research Institute. Additional research positions held include serving as past Chair of the MSIS Department at RBS.

II. Publication and Invention: Dr. Adam has published numerous technical papers covering such topics as information management, information security and privacy, data mining, Web services and modeling & simulation. His papers appeared in refereed journals and conference proceedings including, IEEE Transactions on Software Engineering, IEEE Transactions on Knowledge and Data Engineering, ACM Computing Surveys, Communications of the ACM, Journal of Management Information Systems, and International Journal of Intelligent and Cooperative Information Systems. He has co-authored/co-edited ten books. Dr. Adam is the co-founder and the Executive-Editor-in-Chief of the International Journal on Digital Libraries and serves on the editorial board of a number of journals including Journal of Management Information Systems, and the Journal of Electronic Commerce. He is also the co-founder and past chair of the IEEE Technical Committee on Digital Libraries. Dr. Adam holds a European issued Patent and has two pending patent applications submitted to the U.S. Patent and Trademark Office, all related to Web services.

III. Grants: Dr. Adam's research work has been supported by over \$18 million from various federal and state agencies, including: Department of Homeland Security (DHS), the National Science Foundation (NSF), the National Security Agency (NSA), National Oceanic and Atmospheric Administration (NOAA), the U.S. Environmental Protection Agency (EPA), the National Library of Medicine, the New Jersey Meadowlands Commission, and NASA.

V. National/International Talks: Dr. Adam has been invited as a keynote speaker and a lecturer at several national/international institutions/forums/workshops including: DOD M&S Steering Committee Offsite Wargame, 2011; Industrial Control Systems Joint Working Group (ICSJWG) 2011 Spring Conference; OntologySummit2011 Symposium & Workshop, NIST; 36th Nuclear Information Technology Strategic Leadership Workshop, 2010; 6th Annual Cyber Security and Information Intelligence Research Workshop, Oak Ridge NL, 2010; SCADA Cyber Security Workshop, Univ. of Arizona, 2010; Health and Humanitarian Logistics, Georgia Institute of Technology, 2010; ACM/IEEE International Conference on Cyber-Physical Systems, CPS Week, Stockholm, Sweden, 2010; The Spring Simulation Multiconference (SpringSim'10), 2010; The SISO Spring Simulation Interoperability Workshop, 2010; Information, Technology, and Governance: A Grand Challenges Research Agenda, NSF, 2010; Taiwan National Science Council and National Tsing Hua Univ., Taiwan, 2009; The 5th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 2009; Public Security Conference, The Hague, The Netherlands, 2009; Research & Industrial Collaboration Conference, Northeastern Univ., 2009; The Public Security Innovation Center Seminar, The Embassy of The Kingdom of The Netherlands, US, 2009; NSA Research Transformation Office, 2009; Information Assurance Research and Education Workshop, Arizona State Univ., 2009; NSF Workshop on Data Security, 2009; Power Grid Simulator Workshop, Argonne NL, 2008.