IARIA Fellow Prof. Dr. Mo Mansouri
Professor of Systems Science and Engineering

Stevens Institute of Technology, School of Systems and Enterprises, Systems Engineering Division

Address: One Castle Point on Hudson, Babbio Center #505, Hoboken, NJ, USA
E-mail: mo.mansouri@stevens.edu
Webpage: https://www.stevens.edu/profile/mmansour

University of South-Eastern Norway, Faculty of Technology, Natural Sciences and Maritime Sciences, Systems Engineering Department

E-mail: mo.mansouri@usn.no

Public Profiles
LinkedIn: https://www.linkedin.com/in/mo-mansouri-738b751/
Google Scholar: https://scholar.google.com/citations?user=3Gn8J8gAAAAJ&hl=en
ResearchGate: https://www.researchgate.net/profile/Mo-Mansouri
ORCID: https://orcid.org/0000-0003-4517-7830

Mo Mansouri is a Professor and Director for Graduate Studies as well as Director for Systems Engineering Programs and Socio-technical Systems Program at the School of Systems and Enterprises at Stevens Institute of Technology. He is also serving as a Visiting Professor of the Department of Science and Industry Systems at the University of North-Eastern Norway and collaborating professor of the Department of Behavioral, Management and Social Sciences at University of Twente. His research focuses on developing computational governance frameworks, applied to creating incentive structures and designing policies for complex networks and societal as well as other infrastructural systems. He designs and analyzes governing structures for societal systems with consideration of complexity characteristics such as resilience, sustainability based on principles of modularity, and distribution. Dr. Mansouri joined Stevens in July 2008. Prior to joining Stevens, he served in a few projects for several international development organizations and non-profits such as The World Bank and The United Nations as a research fellow and consultant. He has served as the Primary Investigator in several research projects of multi-million dollars collectively, such as in FAA NextGen Governance Transformation, Smart City projects in Hoboken and McMurdo Station in Antarctica, as well as Governance of DoD Acquisition Process and Requirement Management. He is published in more than 40 scientific, peer-reviewed, and prestigious journals and has also co-authored four book chapters on topics related to systems engineering and design, systems and decision sciences, systems policy, and governance along with presenting and publishing in more than 100 professional events, conferences, and proceedings. During his leadership in Systems Engineering Programs at Stevens since 2016, the program has been recognized among the top programs. In course of his activities as the director for graduate studies, he expanded the number of graduate students considerably through strategic recruitment and made connections with several graduate programs in universities and research centers around the world. He has graduated 12 doctoral students and is serving as the chair to 9 more who are awaiting their graduations in the following years. He has been serving as an active member, reviewer, and chair of IARIA Conferences, INCOSE, IEEE Systems, System of Systems Engineering, and Design Society journals and conferences. Dr. Mansouri has also been a Keynote Speaker at ICONS, NexComm, Modern Systems, and Society Trends; and been invited for many talks and special topic presentations around the world. He received his doctoral degree from The George Washington University in Engineering Management and his master's and bachelor's degrees in industrial engineering from University of Tehran and Sharif University of Technology.

Dr. Mansouri started his collaboration with IARIA since 2020. He is an active member of large research and publishing organizations; however, he also strongly supports the open approach of IARIA to scientific publication. It is imperative to support open-access paradigm in publication of research findings. It will give a chance to a lot of researchers around the world to have access to cutting edge researches their peers are conducting elsewhere. This is particularly important when it comes to interdisciplinary fields that might not have an established community. IARIA is among successful pioneers of open-access approach. IARIA conferences and events has brought together many scientists with unique and brilliant research topics and given them opportunity to present and discuss their findings with peers from all over the world. This also has given a chance to many collaborations to take place. As a Fellow, Dr.

Mansouri will support IARIA's open-access approach and continue contributing with his research and presence in future events and conferences through which he is hopeful to make a change in the greater academic community over time.

Papers Published at IARIA:

1. A. M. Flipovic, **M. Mansouri,** "A Five-Factor Market Approach for Long-Term Product Development: A Result of Systems Thinking," International Conference on Systems (ICONS), 2023, pp. 1-6, ISBN: 9 978-1-68558-037-7. (**Best Paper Award**)

2. G. Lichtenheim, **M. Mansouri**, and R. Nilchiani, "A Systems Approach to E-Government Cloud Sustainability," International Conference on Systems (ICONS), 2023, pp. 7-10, ISBN: 9 978-1-68558-037-7.

3. F. Elkourdi, O. Asan,**M. Mansouri,** "The Unintended Effects of Medical Software on Clinical Decisions and Patient Safety: A System Viewpoint," International Conference on Systems (ICONS), 2023, pp. 11-16, ISBN: 9 978-1-68558-037-7.

4. J. Goldberg, **M. Mansouri,** "Systems Trust in Joint Military Acquisition Requirements Generation: A Systems Thinking Approach," International Conference on Systems (ICONS), 2022, pp. 25-29, ISBN: 978-1-61208-941-6.

5. E. A. Iversen and **M. Mansouri**, "A Systems Approach to Parking Assist System: Investigating Test and Verification Methodology," International Conference on Systems (ICONS), 2022, pp. 1-5 , ISBN: 978-1-61208-941-6.

6. C. Haugan and **M. Mansouri**, "STEM in the Context of Norwegian Educational System and Workforce," International Conference on Systems (ICONS), 2022, pp. 6-11, ISBN: 978-1-61208-941-6.

7. Y. Chen and **M. Mansouri**, "Systemigrams for PESTEL Analysis of an Offshore Windfarm System," International Conference on Systems (ICONS), 2022, pp. 30-33, ISBN: 978-1-61208-941-6.

8. N. Meijer, **M. Mansouri**, and O. Asan, "Solving Challenges in Mental Healthcare Considering Human Factors," International Conference on Systems (ICONS), 2022, pp. 34-39, ISBN: 978-1-61208-941-6.

9. H. Ali, **M. Mansouri**, & G. Muller, "Applying Systems Thinking for Early Validation of a Case Study Definition: An Automated Parking System," I A. M. Redmond (Red.), *MODERN SYSTEMS 2022: International Conference of Modern Systems Engineering Solutions* (s. 21-26). International Academy, Research and Industry Association (IARIA).

10. M. Frolich and **M. Mansouri**, "Ethical Dynamics of Autonomous Weapon Systems," International Conference on Systems (ICONS), 2021, pp. 50-56, ISBN: 978-1-61208-838-9.

11. E. Qaredaghi and **M. Mansouri**, "Application of System Thinking in Developing of the Public Transportation Network in Norway," International Conference on Systems (ICONS), 2021, pp. 57-63, ISBN: 978-1-61208-838-9.

12. H. Said, **M. Mansouri**, "Systems Thinking in the Zero Emission Solution for Railway Diesel Locomotive; a Case Study for Battery Train with Partial Electrification from Norwegian Railway Sector," International Conference on Systems (ICONS), 2021, pp. 64-69, ISBN: 978-1-61208-838-9. (**Best Paper Award**)

13. E. V. Bjørkkjær, M. Mansouri, "A Systemic Look at the Norwegian Health Care System with Focus on Gestational Diabetes Mellitus," International Conference on Systems (ICONS), 2020, pp. 31-37. ISBN: 978-1-61208-771-9. (**Best Paper Award**)