



# The World's Leading Commercial Software for Network Modeling & Simulation

- Most complete MANET-compatible IPv6 modeling suite
- Interfaces for hardware and software-in-the-loop, distributed simulations, and network management
- Most advanced and scalable simulation technologies
- Broadest user community, with thousands of customers from industry and government

**Open Access  
to Model  
Source Code**



## EDUCATOR PROFILE

**Dr. Emad Aboelela**

*Professor & IEEE Senior Member  
Department of Computer and Information Science  
University of Massachusetts, Dartmouth*



*A leading educator of students at the graduate and undergraduate levels*

### Research includes:

- Data dissemination and aggregation in wireless sensor networks
- Improving railway safety and maintenance with wireless sensor networks
- Innovative routing diversity schemes for enhancing Voice-over-IP network QoS
- Fuzzy multi-objective optimizations in broadband integrated service networks

"We introduced OPNET into the classroom in 2002. We have also had numerous graduate students leverage OPNET's university program for master's dissertations. To compete in today's dynamic workforce, IT and network modeling has become a required skill. OPNET sets the standard."

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