Nader Engheta is the H. Nedwill Ramsey Professor of Electrical and Systems Engineering, and Professor of Bioengineering at the University of Pennsylvania. He received his BS degree from the University of Tehran, and his MS and Ph.D. degrees from Caltech. Selected as one of the 2006 Scientific American 50 Leaders in Science and Technology for developing the concepts of lumped optical nanocircuit elements, he is a Guggenheim Fellow, an IEEE Third Millennium Medalist, a Fellow of IEEE, OSA, American Physical Society (APS), American Association for the Advancement of Science (AAAS), and SPIE-International Society for Optical Engineering. He is also the recipient of the George H. Heilmeier Award for Excellence in Research, the Fulbright Naples Chair award, the NSF Presidential Young Investigator (PYI) award, and several teaching awards such as Christian F. and Mary R. Lindback Foundation Award, the S. Reid Warren Jr. award and W. M. Keck Foundation award. He has been selected to receive the 2012 IEEE Electromagnetics Award.