Professor Maurizio Porfiri

See:
http://engineering.nyu.edu/people/maurizio-porfiri
http://faculty.poly.edu/~mporfiri/
http://faculty.poly.edu/~mporfiri/Group.htm
http://faculty.poly.edu/~mporfiri/Projects.htm
https://scholar.google.com/citations?user=1KQ1VqsAAAAJ&hl=en

Mechanical and Aerospace Engineering
New York University Polytechnic School of Engineering

Biography:
Maurizio Porfiri was born in Rome (Italy) and now happily resides in Brooklyn (New York). He received M.Sc. and Ph.D. degrees in engineering mechanics from Virginia Tech; a “Laurea” in electrical engineering and a Ph.D. in theoretical and applied mechanics from the University of Rome “La Sapienza” and the University of Toulon (dual degree program). Since 2006, he has been a member of the faculty of the Mechanical and Aerospace Engineering Department at NYU Polytechnic School of Engineering, where he is currently a Professor. His work is in the area of dynamical systems, specifically focusing on interdisciplinary underwater applications. He is the author of more than 150 journal publications, and his research has been featured in numerous major media outlets, including CNN, Discovery Channel, and NPR. He has received the National Science Foundation CAREER award, the Outstanding Young Alumnus award from the College of Engineering of Virginia Tech, the ASME Gary Anderson Early Achievement Award, and the ASME DSCD Young Investigator Award; and has been named to the Popular Science “Brilliant 10” list for young scientists as the "Water Wizard".

Research Interests:
Dynamical Systems; Mechanics of Advanced Materials; Multiphysics Modeling; Smart Materials & Structures
Selected Publications:


Linfeng Shen ; Youngsu Cha ; Adel Shams ; Maurizio Porfiri, “Buckling of an ionic polymer metal composite shell under uniaxial compression”, SPIE Proceedings, Vol. 9056, Conducting Polymers and IMPC, Electroactive Polymer Actuators and Devices (EAPAD) 2014, 90561X (March 8, 2014)