



# ALL THINGS PHOTONICS



**Ivan Aprahamian**, author of the 2020 *ACS Central Science* paper "The Future of Molecular Machines," kicks off Season 4 with a look at recent advancements to light-

activated molecular motors. Applications include smart drug delivery and nanomedicine, applied spectroscopy, functional materials, and more. **Nick Vamivakas**, University of Rochester professor of quantum optics and quantum physics, discusses how to build a quantum workforce: How do we educate its future members, what will they do, and how do we chart their progress?



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