



Technology Showcase

April 18, 2023

2:00PM	Registration & Networking
2:30PM	Opening Remarks Christian Cowan, URI Research Foundation Linda Larsen, 401 Tech Bridge
2:35PM	Welcome Capt. Chad Hennings, Commanding Officer, Naval Undersea Warfare Center (NUWC), Division Newport
2:45PM	Presentations on University Research University of Rhode Island <i>Dr. Hui Lin</i> <ul style="list-style-type: none"> Mislead Physical-Disruption Attacks by Preemptive Anti-Reconnaissance for Power Grids' Cyber-Physical Infrastructures <i>Dr. Yang Lin</i> <ul style="list-style-type: none"> Microfluidics and microsystems for environmental monitoring and human health UMass Dartmouth <i>Dr. Jean VanderGheynst</i> , Dean of College of Engineering & Interim Dean of School for Marine Science & Technology <i>Dr. Dan McDonald</i> <ul style="list-style-type: none"> Maximal asymmetric drag wave energy converter, for use in provide at-sea power for moorings, autonomous vehicles and communications <i>Dr. Amit Tandon & Patrick Pasteris</i> <ul style="list-style-type: none"> "Aurelia" low-cost, user friendly depth changing vehicle for ocean sensors. <i>Dr. Hangjian Ling</i> <ul style="list-style-type: none"> Anti-biofouling properties of super-hydrophobic surfaces, gas diffusion over super-hydrophobic surfaces, turbulent drag reduction, and bacteria-wall interaction
3:30PM	NUWC Division Newport Technologies for Commercialization Technology Partnership Office (TPO) <i>Ms. Mary Sylvia - TPO mission</i> Office of Counsel <i>Mr. Jim Kasischke - Licensing & Technology Introduction</i>





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	<p>Technologies Include:</p> <ul style="list-style-type: none">• Variable Camber Segmented Control Surfaces – Richard Dooley• AI/ML-based Real-Time Network Intrusion Detection System – Dr. Ben Drozdenko• Digital Design – Makia Powell• Compressed-Size Antennae – Dr. David Rivera
4:00PM	<p>NUWC PI's Showcase FY22 Projects supported by 401 Tech Bridge</p> <ul style="list-style-type: none">• Wireless Communication• Fiber• NBTF (Narragansett Bay Test Facility)• TopSideC3™ <p>Networking</p>
5:00PM	<p>Network Gathering at Rejects Beer Co.</p> <ul style="list-style-type: none">• 124 Aquidneck Ave., Middletown, RI

