ROTC ONR CyberSecurity 2020 Research and Training Wrapup Meeting TELECONFERENCE
“UNM ROTC CYBERSECURITY RESEARCH AND TRAINING FOR SAFER CYBERPHYSICAL SYSTEMS”
Friday November 6th 2020 9am-11am Mountain Time
https://unm.zoom.us/j/96184528268
Meeting ID: 961 8452 8268
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LEADERSHIP
Michael Simpson, PhD Program Manager, ONR
Fernando Moreu, PhD, PE Principal Investigator, UNM
Francesco Sorrentino, PhD Co-Principal Investigator, UNM

PROGRAM
Conducted by: Fernando Moreu, PI of the project, fmoreu@unm.edu, (217) 417-1204

09:00 – 09:05 AM WELCOME/INTRODUCTION
Edl Schamiloglu, Associate Dean of School of Engineering, UNM
All leaders present are introduced to the UG researchers and officers/leaders

09:05 – 09:20 AM PRESENTATION OF THE PROJECT
09:05 – 09:10 AM Michael Simpson
09:10 – 09:15 AM Fernando Moreu
09:15 – 09:20 AM Francesco Sorrentino

09:20 – 11:00 AM GENERAL SESSION
Individual presentations of students and mentors involved: 5 minutes per presentation, 2 minutes Q&A
09:20 – 09:27 AM Marlan Ball, Cybersecurity Mentor, Computer Science
“Mentoring During Covid”
09:27 – 09:34 AM Casey Elizondo, ROTC Cadet U.S. Army, Computer Engineering
“Automated Data Communication: Wireless Agile Sensor-Projector (WASP)”
09:34 – 09:41 AM Joshua Murillo, ROTC Cadet U.S. Marines, Global and National Security
“Cyberphysical Low-cost Efficient Wireless Intelligent Sensors (LEWIS)”
09:41 – 09:48 AM Kaleb Kendall, ROTC Cadet U.S. Air Force, Computer Science
“Emerging Applications of Blockchain Technology and Computer Vision”
09:48 – 09:55 AM Odey Yousef, Undergraduate, Civil Engineering
“Rail Detection in Augmented Reality Using Computer Vision”
09:55 – 10:02 AM John-Wesley Hanson, AR Mentor, Computer Science
“Augmented Reality Training Opportunities”
10:02 – 10:09 AM Chad Nathe, ROTC Cadet U.S. Navy and Enrico Del Frate, Undergraduate, Mechanical Engineering
“Time-varying Reservoir Computers”
10:09 – 10:16 AM Justin Begay and Matthew Cleal, Undergraduates, Mechanical Engineering
“Controlling Synchronization of Coupled Mechanical Oscillators”

10:16 – 10:30 AM 2021 VISION
Fernando Moreu and Francesco Sorrentino, ROTC leaders, Officers

10:30 – 11:00 AM QUESTIONS AND FINAL REMARKS
Fernando Moreu, Francesco Sorrentino, Officers

11:00 AM ADJOURN

Project URL: http://cps.unm.edu
SMILab URL: http://smilab.unm.edu/
ChaosLab URL: http://chaoslab.unm.edu/
Questions: Fernando Moreu, fmoreu@unm.edu, (217) 417-1204