

**ROTC ONR CyberSecurity 2020 Research and Training Wrapup Meeting TELECONFERENCE**  
**“UNM ROTC CYBERSECURITY RESEARCH AND TRAINING FOR SAFER**  
**CYBERPHYSICAL SYSTEMS”**

Friday November 6<sup>th</sup> 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](mailto: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**

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Project URL:            <http://cps.unm.edu>

SMILab URL:            <http://smilab.unm.edu/>

ChaosLab URL:        <http://chaoslab.unm.edu/>

Questions:            Fernando Moreu, [fmoreu@unm.edu](mailto:fmoreu@unm.edu), (217) 417-1204