

## Rocky Mountain INFORMS: February 8, 2024

The Rocky Mountain INFORMS Chapter is pleased to host Dr. Oluwaseun Ogunmodede (Seun), who has held the position of OPERATIONS RESEARCH ANALYST at The MITRE Corporation for over two years. In this capacity, he works on a variety of operations research-related problems for the government that include optimization, simulation, stochastic modeling, and genetic algorithms. Seun received his bachelors, masters and doctorate from the Colorado School of Mines in Mechanical Engineering, Engineering and Technology Management, and Operations Research with Engineering, respectively. He currently holds a position on the Minority Issues Forum Board within INFORMS. Outside of his professional life, he enjoys following soccer and mentoring underrepresented students, both in high school and in college.



### Finding Interfering Radiofrequency Emitters: Situational Awareness Laydown Evaluator

**Abstract:** We discuss FINDING INTERFERING RADIOFREQUENCY EMITTERS: SITUATIONAL AWARENESS LAYDOWN EVALUATOR (FIRE:SALE), a modeling and simulation software environment for the detection and geolocation of radiofrequency threats to global navigation satellite system signals. FIRESALE enables rapid evaluation of the geolocation capabilities of situational awareness sensor laydowns. We describe the modeling assumptions, evaluation techniques, and overall environment architecture of this tool.

**Zoom Option on Next Page**

anewman@mines.edu is inviting you to a scheduled Zoom meeting.

Topic: Ogunmodede-RMIC

Time: Feb 8, 2024 06:00 PM Mountain Time (US and Canada)

<https://mines.zoom.us/j/92357359062?pwd=c0JncmVuTnZMZHkrRWRCZTY2MFgvQT09t>

Password: 873904

Or iPhone one-tap: 17193594580,92357359062# or 16694449171,92357359062#

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Meeting ID: 923 5735 9062

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Or a H.323/SIP room system:

H.323: 162.255.37.11 (US West) or 162.255.36.11 (US East)

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SIP: 92357359062@zoomcrc.com

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