



AIAA
Dayton-Cincinnati Section

**49th Dayton-Cincinnati
Aerospace Sciences Symposium
March 5th 2024**

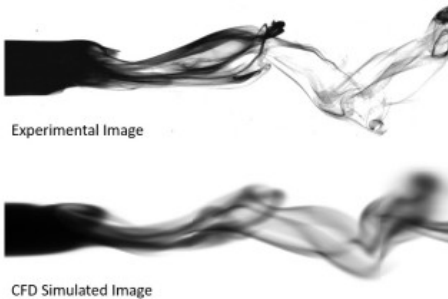


Competition

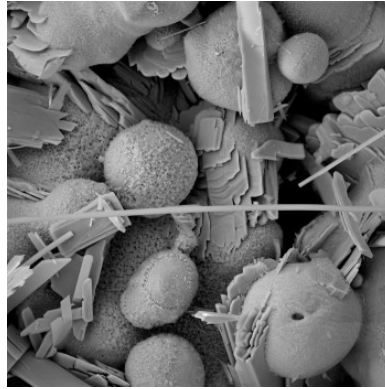
<https://www.aiaa-daycin.org/DCASS/arts.php>

Submission Deadline: 5:00pm on February 20th, 2024

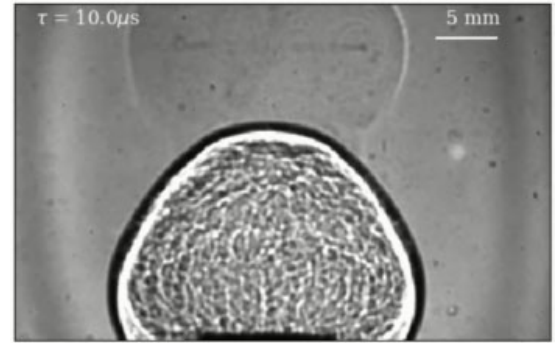
Dye Injection into Turbulent Water



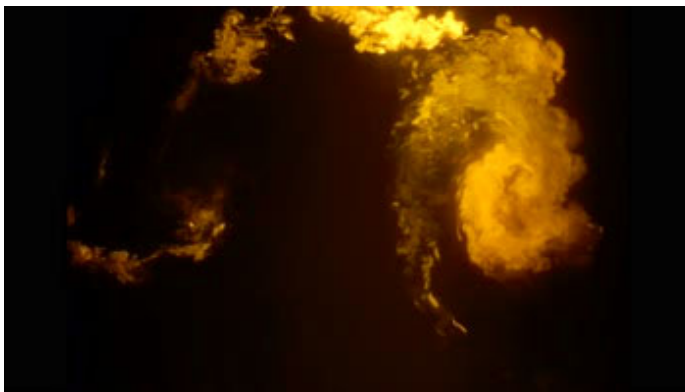
1st place photo 2023
“Dye Injection into Turbulent Water”
Mark Johnson, Hang Yi,
and Zifeng Yang
Wright State University



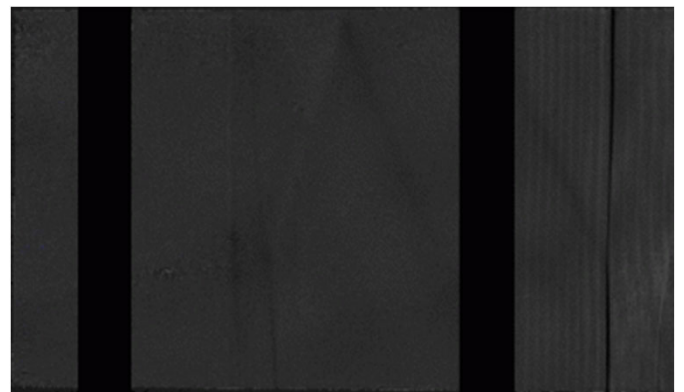
2nd place photo 2023
**“Oxide Formations on Additive
Manufactured Molybdenum”**
Matthew R. Gazella, Marc D. Polanka,
and Ryan A. Kemnitz
Air Force Institute of Technology



3rd place photo 2023
“Laying an Expensive Egg”
Naibo Jiang and Sukesh Roy
Spectral Energies LLC



1st place video 2023
“Fireball”
Andrew Killian and Sidaard Gunasekaran
University of Dayton
Michael Mongin and Albert Medina
Air Force Research Laboratory



2nd place video 2023
**“An Unavoidable Collision of a Reflected
Shockwave and Fast Flame Structure”**
Benjamin Millard and Daniel Cuppoletti
University of Cincinnati
Timothy Ombrello
Air Force Research Laboratory