



IEEE, Cleveland Section

IEEE Control Systems Society, HKN Epsilon Alpha Chapter, and Society of Physics Students at Cleveland State University Jointly Present:

Communicating with Light: A New Dawn in the Information Age Dr. Daniel Raible

Date

Friday, Nov. 1, 2019

Location

Washkewicz Hall 405
Cleveland State University
2121 Euclid Ave.
Cleveland, OH 44115

Agenda

3:00-3:30pm: Social hour
3:30-4:20pm: Presentation
4:20-4:30pm: Q&A

CPD

One credit available
Bring your flyer for credit.



Dr. Daniel Raible is an Electronics Engineer within the Optics and Photonics Branch at the NASA Glenn Research Center at Lewis Field. Dr. Raible earned his Bachelor of Science, Master of Science and Doctorate in Engineering from Cleveland State University. He is an Adjunct Professor at the University of Akron in the Aerospace Systems Engineering Program. Dr. Raible was the recipient of the Wings of Excellence Award from the Cleveland Federal Executive Board. He leads interdisciplinary NASA teams, collaborates with industry and other government agencies, and administers several SBIR contracts.

The presentation will introduce the emergence of laser technology to provide communication and navigation services to spacecraft throughout the solar system. Current research and development efforts to enhance system performance will be discussed, with particular attention given to physical & regulatory challenges and constraints, team dynamics, academic and industrial collaborations and the difficulty of introducing new technologies to space systems.

Refreshments and beverages will be served.

RSVP: Dr. Lili Dong • L.Dong34@csuohio • 216-687-5312

This is to certify that _____ attended this seminar.

Certified by _____.

Certificates of attendance and other evidence of CPD activity should be retained by the attendee for auditing purposes.