Tuesday, June 4, 2024

PHOTONICS spectra®

WEBINARS

Join us for a FREE Webinar

High-Performance PDH Locking with Reconfigurable Instrumentation

Tuesday, June 18, 2024 11:00 AM - 12:00 PM EDT

Register Now

Presented by

LIQUID INSTRUMENTS

The Pound-Drever-Hall (PDH) method is ubiquitous in fields requiring laser frequency stabilization, including atomic physics, spectroscopy, and precision measurement. However, since PDH systems are traditionally assembled manually from various components, they often present challenges for researchers due to time constraints and adaptability issues, leading to maintenance difficulties and signal distortion. In this presentation, Liquid Instruments provides a pedagogical introduction to the PDH technique and creates a system using reconfigurable, FPGA-based instrumentation. They combine multiple instruments, including the Moku Laser Lock Box, into a bespoke environment that emulates a real optical system. Presented by Liquid Instruments.

Upcoming Webinars

- COTS to Custom: Using Microscope Objectives in OEM Products, 6/6/2024 1:00:00 PM EDT
- Advanced Thermoelectric Technology for Thermal Management of Optoelectronics Applications, 6/11/2024 1:00:00 PM EDT
- Thermal Modeling of Lasers in Manufacturing Processes, 6/13/2024 2:00:00 PM EDT

Archived Webinars

- OLED-on-Silicon for Microdisplays in AR/VR/MR and Embedded Sensing
- Let's Talk About Metalenses
- Integrated Photonics for Quantum Computing

Don't miss out!

Sign up for our Webinar Alerts email today and never miss an upcoming event.

LAURIN PUBLISHING   **PHOTONICS MEDIA**