

Tuesday, June 11th

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| 12:00pm | Registration | 3rd Floor |
| 1:30pm-4:00pm | Background Talks | Old Madison, 3rd Floor |
| 1:30pm | Optical Properties of Cavities | Lehmann |
| 2:20pm | Cavities Big and Small | Chow |
| 3:10pm | Applications of cavity enhanced spectroscopy to atmospheric field studies and aircraft research | Brown |
| 4:00pm | Coffee Break | 3rd Floor |
| 4:15pm-6:05pm | Background Talks | Old Madison, 3rd Floor |
| 4:15pm | Soliton Microcomb Physics and Applications | Vahala |
| 5:10pm | QCL/ICL Frequency Comb Spectroscopy | Wysocki |
| 6:05pm | Dinner | Tripp Commons, 2nd Floor |

Wednesday, June 12th

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| 7:30am | Registration | 3rd Floor |
| 8:00am | Breakfast | Tripp Commons, 2nd Floor |
| 9:00am-10:45am | Oral Presentations | Old Madison, 3rd Floor |
| 9:00am | Soliton Microcomb Spectroscopy | Kerry Vahala |
| 9:45am | Comb-Locked Frequency-Swept Spectroscopy | Marco Marangoni |
| 10:10am | Widely tunable cavity-enhanced ultrafast spectroscopy | Myles Silfies |
| 10:35am | PIKE Technologies | |
| 10:45am | Coffee Break | 3rd Floor |
| 11:00am-12:40pm | Oral Presentations | Old Madison, 3rd Floor |
| 11:00am | Theory of near-resonant Cavity Enhanced Two-Photon Absorption in the mid-IR | Kevin Lehmann |
| 11:25am | Ultrafast Spectroscopy of Vibrational Polaritons: Dynamics and Photonics | Adam Dunkelberger |
| 11:50am | 2D IR of Molecular Polaritons in Microcavities | Wei Xiong |
| 12:15pm | Electromagnetic Scattering Laws in Weyl Systems | Zongfu Yu |
| 12:40pm | Lunch | Tripp Commons, 2nd Floor |
| 2:05pm-4:00pm | Oral Presentations | Old Madison, 3rd Floor |
| 2:05pm | Microcavity-Enhanced Raman Scattering for Chemical Sensing | Andreas Muller |
| 2:50pm | Microbubble Optical Resonators for Monitoring in situ Chemical and Spatial Dynamics of Gold Nanorods via Absorption Spectroscopy | Levi Hogan |
| 3:15pm | Enhanced Absorption Sensing Using Non-Adiabatic Tapered Fiber Coupling to a Whispering-Gallery Microresonator | Albert Rosenberger |
| 4:00pm | Coffee Break | 3rd Floor |
| 4:15pm-5:50pm | Oral Presentations | Old Madison, 3rd Floor |
| 4:15pm | Optical Microcavities for Microfluidic Analysis | Dean James |
| 4:40pm | Single-Molecule Sensing with Optoplasmonic Microcavities | Frank Vollmer |
| 5:25pm | Optical Fiber Strain Sensors in (Photo-)Acoustic Measurements | Hans-Peter Looock |
| 5:50pm | Dinner | Tripp Commons, 2nd Floor |
| 7:15pm | Poster Session | Tripp Commons, 2nd Floor |

Thursday, June 13th

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|-----------------------|--|--|
| 7:30am | Registration | 3rd Floor |
| 7:45am | Breakfast | Great Hall, 4th Floor |
| 8:45am-10:40am | Oral Presentations | Old Madison, 3rd Floor |
| 8:45am | Off-axis cavity enhanced absorption spectroscopy using a gain-switched frequency comb in the near IR | Albert A. Ruth |

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| 9:30am | Broadband coherent cavity-enhanced dual-comb spectroscopy | Nazanin Hoghooghi |
| 9:55am | Cavity-Enhanced Comb-Based Fourier Transform Spectroscopy | Aleksandra Foltynowicz |
| 10:40am | Coffee Break | 3rd Floor |
| 10:50am-12:30pm | Oral Presentations | Old Madison, 3rd Floor |
| 10:50am | Applications of IR Cavity Spectroscopy to Studies of Atmospheric Free Radical Reactions | Mitchio Okumura |
| 11:35am | Reaction kinetics of HO ₂ in a cold atmospheric pressure plasma jet investigated by cavity ring-down spectroscopy | Sarah-Johanna Klose |
| 12:00pm | Cavity Ring-Down Spectroscopy of Interstellar PAHs and PAH-related Analogs - Astronomical Applications | Salma Bejaoui |
| 12:25pm | Toptica Photonics | |
| 12:30pm | Lunch | Great Hall, 4th Floor |
| 1:35pm-3:35pm | Oral Presentations | Old Madison, 3rd Floor |
| 1:35pm | 15 Years of Stable Isotope Ratio Spectrometry using Optical Feedback Cavity Enhanced Spectroscopy | Erik Kerstel |
| 2:20pm | Measurements of Doubly-Substituted Methane Isotopologues by Frequency Stabilized Mid-IR Cavity Ring-Down Spectroscopy | Linhan Shen |
| 2:45pm | The Chicago Water Isotope Spectrometer and lessons for calibration of optical contamination in high-finesse cavity enhanced spectroscopy | Benjamin Clouser |
| 3:10pm | Radiocarbon field measurements at a nuclear facility with cavity ring-down spectroscopy | Johannes Lehmoskoski |
| 3:35pm | Brewery Tour – Preregistration Required | Outside Memorial Union |
| 7:30pm | Picnic Dinner | Lakeshore Picnic Area |

Friday, June 14th

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| 7:30am | Registration | 3rd Floor |
| 7:45am | Breakfast | Tripp Commons, 2nd Floor |
| 8:45am-12:30pm | Oral Presentations | Old Madison, 3rd Floor |
| 8:45am | Accurate cavity-enhanced spectroscopy in the near- and mid-infrared | Adam J. Fleisher |
| 9:30am | Tigeroptics | |
| 9:35am | Near-Infrared Molecular Spectroscopy using NICE-OHMS with a High Finesse Cavity | Tzuling Chen |
| 10:00am | Re-injection mirror cavity enhanced absorption spectrometer optimized using mirrors with different radii of curvature for in situ measurements | David Sayres |
| 10:25am | High duty-cycle cavity ring-down Faraday rotation spectroscopy for oxygen detection | Jonas Westberg |
| 10:50am | High-Performance Mid-Infrared Crystalline Bragg Mirrors at 4.5 μm | Oliver Heckl |
| 11:15am | Comb-based Fourier Transform Spectroscopy as a Platform for Measurements of High-Resolution Spectra of HVOCs | Ibrahim Sadiq |
| 11:40am | High Precision Measurements of CO, CH ₄ and CO ₂ Atmospheric Tracer Signals Using a Wavelength-Scanned Cavity Ring Down Spectroscopy | Wilson Gichuhi |
| 12:05pm | Impact of Shape on Aerosol Optical Properties: A Study of Mineral Dust | Margaret Greenslade |
| 12:30pm | Lunch | Tripp Commons, 2nd Floor |