



Tribute to James C. Wyant: The Extraordinaire in Optical Metrology and Optics Education (OP300)

Conference Chairs: **Virendra N. Mahajan**, Wyant College of Optical Sciences (USA); **Dae Wook Kim**, Wyant College of Optical Sciences (USA)

This conference is dedicated to celebrate Professor and Dean James C. Wyant's extraordinary contributions and services to the fields of optical metrology and optics education. The focus of his research has been on applying the science of interferometry to precision metrology and sensing applications in various fields including computer-generated holograms, data storage, wavefront sensors for adaptive optics, optical fabrication, and optical system engineering.

Authors should submit papers they believe have been inspired or enabled by Jim's work. It is an opportunity to tell him how their lives have been impacted by their coming in contact with him. Anecdotal experiences and observations relating him to their work and life are encouraged.

Suggested topics for papers include, but are certainly not limited to:

- applied interferometry, holography, and speckle
- applications: phase-measuring, interferometric fringe analysis
- absolute calibration: flats, spheres, windows, etc.
- measurement of aspheres and freeforms
- diffractive/Holographic null correctors: computer generated hologram
- wavefront sensors
- figure, ripple, and roughness: power spectral density measurement and analysis
- mid-spatial-frequency optics errors: detection, characterization, effects, and mitigation
- testing in adverse environments: vibration, atmosphere, cryogenic, vacuum, etc.
- subsurface damage: detection, characterization, effects, and mitigation
- surface profilometry: optical and scanning probe.

Submit abstracts by 12 February 2020

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- Title
- Author information
- 250-word abstract for technical review
- 100-word summary for the program
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For questions about submitting an abstract, or the meeting, contact the Contact the Program Coordinator. For questions about your manuscript, contact AuthorHelp@spie.org.

Abstracts Due: **12 FEBRUARY 2020**
Manuscript Due Date: **29 JULY 2020**



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