

# OSA Technical Groups

Join the OSA Technical Groups at these events during Frontiers in Optics 2018 to connect and network with other professionals and students in your field of focus. You can register in advance for these events by emailing [TGactivities@osa.org](mailto:TGactivities@osa.org).

## **OSA Therapeutic Laser Applications Technical Group "Birds of a Feather" Networking Lunch**

When: Monday, 17 September, 12:30-13:30

Where: Fairchild West

Join the OSA Therapeutic Laser Applications Technical Group for a guided networking session during lunch on Monday. In addition to learning more about this technical group, you will have a chance to connect with your fellow attendees who share an interest in the same topics as you, such as lasers in ophthalmology, tissue imaging, spectroscopic tools and methods, and light-tissue interactions.

## **OSA Quantum Computing and Communication Technical Group Networking Lunch**

When: Monday, 17 September, 12:30-13:30

Where: Fairchild East

Members of the Quantum Computing and Communication Technical Group are invited to join us for a networking lunch on Monday. The event will provide an opportunity to connect with fellow attendees who share an interest in this field, learn more about this technical group, and provide your input on future technical group activities.

## **OSA Optical Fabrication and Testing Technical Group Knowledge Café**

When: Monday, 17 September, 16:00-17:30

Where: International Ballroom West

Do you have questions about optical fabrication and optics testing? Join the OSA Optical Fabrication and Testing Technical Group at our Knowledge Café on Monday afternoon for a drink and a chance to seek out the answers to your questions in an informal atmosphere. Our knowledgeable "bartenders", experts in their own fields, will be available to answer your questions and discuss issues related to the group's areas of interest.

## **OSA Photonic Metamaterials Technical Group Tutorial on Metalens Design and Simulation**

When: Monday, 17 September, 16:00-18:00

Where: Lincoln West

Join the OSA Photonic Metamaterials Technical Group for a tutorial on metalens design and simulation on Monday afternoon. This tutorial, aimed at students and new researchers, will focus on hands-on skills. Dr. Wei Ting Chen from Harvard University will provide an introduction to metalenses followed by a tutorial on how to simulate the phase of different nanostructures and a real-time simulation demo of metalenses.

**OSA Technical Groups** offer OSA Members valuable leadership and learning experiences, opportunities to expand their network and create lasting connections with peers. With over 40 technical groups, OSA Members can be sure to find a community offering the latest news, information and events of interest to them. Stop by the OSA Technical Group Booth on the Concourse Level or visit us at the OSA Member Zone in the Science & Industry Showcase during Frontiers in Optics to learn more about how you can connect with your OSA community.

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## **Finishing Touches: A Tutorial in Blender for Cover Art and Figures**

**When:** Monday, 17 September, 16:00-18:00

**Where:** Jefferson West

Join the OSA Optical Material Studies Technical Group for an opportunity to learn more about putting Blender, a free graphics software, to use to enhance your papers and presentations. Nathaniel Kinsey of Virginia Commonwealth University will take attendees through a live demonstration on the basics of how to use Blender to create scientific figures and cover art as well as more advanced topics related to creating images for optics, such as making laser beams, adding focal blur, creating realistic optical materials, and merging real photo images with CGI images.

## **OSA Polarization Technical Group Rapid-Fire Presentations & Networking Event**

**When:** Monday, 17 September, 18:00-19:00

**Where:** International Ballroom West

Join the OSA Polarization Technical Group for a networking event on Monday evening that will highlight the research being done in this topic area by students and early career professionals. Our event will be an opportunity to hear rapid-fire presentations of the work they will present during Frontier in Optics while networking with your colleagues over refreshments. Attendees can then visit the presenters' posters during the conference poster sessions on Tuesday and Wednesday to learn more about their research and also to cast their vote for the Best Polarization Presentation.

## **New Trends in Fiber Optics Research Panel Discussion**

**When:** Wednesday, 19 September, 18:30-19:30

**Where:** Cabinet Room

What will be the new applications driving fiber optics research in the following decade? How is the quantum era impacting fiber optics research? Come join the OSA Fiber Optics Technical Group for a panel discussion and networking event on Wednesday evening addressing these questions. Panelists with a diverse research background ranging from quantum-related fiber research to telecommunications will share their views on the future of fiber optics research. The discussion will be an opportunity for students, early career professionals and researchers to hear about the most interesting trends in the field, and network with colleagues over refreshments in a relaxed environment.