

FFTG Bi-Monthly Newsletter: July 2026

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Technical Group Activity Information

Upcoming Webinar: Advanced Photonic Delivery

Join us through Zoom on **Monday, August 10th at 11am EDT (UTC-4:00)** for a presentation by Bülend Ortaç from Bilkent University. Professor Ortaç will share an in-depth exploration of optical fiber design and fabrication for high-power industrial and medical laser systems. More information and free registration for the event can be found on our Website: [FFTG](#)

Upcoming In-person Event:

Join us for **Rapid-Fire Presentations & Speed Networking**, an FFTG event at the Optica Advanced Photonics Congress, taking place in Long Beach, California, USA, on **28 July 2026, from 12:30 to 13:30** in Gallerie 2/3 at the Hilton Long Beach.

Meet our Chair: Turghun Matniyaz, Ph.D.



Turghun Matniyaz is a Senior Scientist at Corning Incorporated, focused on specialty optical fiber and component R&D — including hollow-core and multi-core fiber and optical characterization. He contributes as a subject-matter expert and technical lead, translating fiber innovation into datacenter solutions and emerging optical applications. His work integrates fiber design, fabrication process development, and metrology to enable high-performance fiber platforms for datacenter interconnects and optical computing systems. He earned an M.S. in Optical Physics from Kansas State University (2014) and a Ph.D. in Photonics from Clemson University (2020), where his research focused on rare-earth-doped specialty fiber design and developing high-power fiber

laser systems. He then continued at Clemson as a postdoctoral researcher before joining Corning in October 2021. Since 2025, Turghun has served as Chair of OPTICA's FFTG, leading the executive team to strengthen global engagement and expand its presence in the fiber optics technology community through technical webinars, in-person and virtual events, and collaboration across academia and industry.

Events and News

- Join Optica's industry meeting on co-packaged and pluggable optics. This event will highlight emerging innovations in data center optical communications! **Link:** [Optica](#)
- Applications open for science and engineering fellowships through Sandia National Laboratory, now through October 1st!
 - ◆ Jill Hruby Fellowship: [Sandia](#)
 - ◆ Truman Fellowship: [Sandia](#)

Career and Education Opportunities

Company/University	Career or Education Opportunity	Location	Link
Coherent Corp	Senior Principal Optical Engineer	Santa Clara, CA, USA	Coherent
AFL	Engineering Co-Op: Fall 2026	Duncan, SC, USA	AFL
Coherent Corp	NPI Lead	East Granby, CT, USA	Coherent
Coherent Corp	Sr Product Line Manager	East Granby, CT, USA	Coherent
Coractive	Application Scientist	Quebec City, QC, CA	Coractive
Le Verre Fluoré	Production Resources Manager	Bruz, France	Le Verre Fluoré
iscte	Post-doc for LUMIRing	Lisbon, Portugal	iscte

Publications

Watch the plenary session from OFC 2026 online to learn about the next generation of optical networking! **Link:** [OFC](#)

Check out the recently published proceedings from CLEO 2026 for cutting edge advancements in specialty optical fibers and lasers! **Link:** [CLEO](#)