

## Industrial Session Speaker

Full Name	Baishi Wang
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Presentation Title	Review of fiber combiners and fused fiber components technologies for high power fiber laser applications

### Biography

Baishi Wang is with Thorlabs Vytran Division in Morganville, New Jersey, USA. He received his Ph. D from State University of New York at Stony Brook in Engineering. Prior to joining Vytran, he was a member of technical staff at Specialty Fiber Division in Lucent Technologies/BellLabs Innovations and later OFS from 1999 to 2006. His research focus is on specialty fibers, fiber glass processing technologies and fused fiber components, precision fiber optics instrumentation, and their applications to fiber lasers and fiber-based sensing. He has over 20 years industrial experience in this field, published numerous papers in referred journals and conferences, and has filed several US and world patents. He is a regular invited talk speaker in SPIE and other conferences, and he teaches a short course in Photonics West in US on Fiber Fusion Processing for fiber Laser and medical applications. He has been a technical committee member and co-chair for SPIE/OSA and other conferences. He is a regular paper reviewer for leading photonics journals including Optics Letters, Optics Express, IEEE Photonics Technology Letters, Applied Optics, Optical Engineering. He is a senior member of SPIE and member of OSA.

### 200 words abstract

Fiber combiners and fused fiber components have played important roles for power scaling of high power fiber lasers. We review latest advance of fiber combiners and fused fiber components technologies. We also discuss key design criteria and fiber glass processing techniques for fabricating these components. Some applications examples will be provided and fiber laser systems based on these components will be presented.