



Contribution ID: 58

Type: **Poster**

On the evolution of nanoparticles in nanoparticle-doped optical fibers

Tuesday 13 December 2022 18:45 (15 minutes)

This work studies the phase and structural evolution of Yb-doped alkaline earth fluoride nanoparticles in silica-based optical fiber during thermal treatments in fiber fabrication. This knowledge will aid in understanding and tailoring the optical properties in the resultant fibers.

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Session Classification: Poster session

Track Classification: WSOF: WSOF: Novel materials