



Xue Qi

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PROFILE:

- Highly self-motivated Postdoc with demonstrated research expertise in Fiber Lasers, Nonlinear Optics, and Specialty Fibers.
- Strong experimental skills especially in high power fiber lasers and specialty fiber post-processing.
- Rich experience in modeling and numerical simulation of specialty fibers and nonlinear optics, using MATLAB, COMSOL, and Rsoft.

EDUCATION:

- 2013-2017 National University of Defense Technology, Changsha, P. R. China
Ph.D. Optical Engineering
- 2007-2010 Harbin Engineering University, Harbin, P. R. China
M.E. Precision Instrument and Machinery
- 2003-2007 Qufu Normal University, Rizhao, P. R. China
B.E. Automation

WORK EXPERIENCE:

- 2019- Leibniz Institute of Photonic Technology, Jena, German, Postdoc
- 2010-2013 Aerospace Science & Industry Corporation, Wuhan, P. R. China
Optical Engineer

RESEARCH EXPERIENCE:

- Postdoc Project** Coherent Supercontinuum (SC) Generation in Dispersion-tuned Fibers via Geometry-induced Resonances (GIR)
- Ph.D. Project** High-Power Visible-Enhanced SC Generation
- Master Project** Influence of Er-doped Superfluorescent Fiber Source (SFS) on the Performance of Fiber Optic Gyroscope (FOG)
- Work Project** High-Precision Fiber Optic Gyroscope

SKILLS:

Language: English / IELTS 6.0 (R7.5/W6.0/L5.5/S5.0)
Software: MATLAB, Origin, COMSOL, Rsoft, ZEMAX, etc.

WORK STYLE:

- Able to learn new knowledge and adapt to new environment quickly
- Independent research ability and excellent teamwork skills
- Well-organized

