Research outputs:

Role of the Raman gain in the noise dynamics of all-normal dispersion silica fiber supercontinuum generation
Research output: Research - peer-review › Journal article – Annual report year: 2018

High Pulse Energy Supercontinuum Laser for Photoacoustic Detection and Identification of Lipids in the 1650-1850 nm Wavelength Region
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Polarization noise places severe constraints on coherence of all-normal dispersion femtosecond supercontinuum generation
Research output: Research - peer-review › Journal article – Annual report year: 2018

Supercontinuum applications in high resolution non-invasive optical imaging
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Ultra-low noise supercontinuum source for ultra-high resolution optical coherence tomography at 1300 nm
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

A comparative study of noise in supercontinuum light sources for ultra-high resolution optical coherence tomography
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Noise study of all-normal dispersion supercontinuum sources for potential application in optical coherence tomography
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Q-switch-pumped supercontinuum for ultra-high resolution optical coherence tomography
Research output: Research - peer-review › Journal article – Annual report year: 2017

Projects:

Low noise femtosecond supercontinuum sources
Project: PhD

Activities:

Polarization noise study in all-normal dispersion fiber supercontinuum generation
Activity: Talks and presentations › Conference presentations

Ultra-low noise supercontinuum source for ultra-high resolution optical coherence tomography at 1300 nm
Activity: Talks and presentations › Conference presentations

Noise study of all-normal dispersion supercontinuum sources for potential application in optical coherence tomography
Activity: Talks and presentations › Conference presentations