Publications:

**A Numerical Framework for Sobolev Metrics on the Space of Curves**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Optimization on Spaces of Curves**
Publication: Research › Ph.D. thesis – Annual report year: 2017

**Curve Matching with Applications in Medical Imaging**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

**Perturbative Semiclassical Trace Formulae for Harmonic Oscillators**
Publication: Research - peer-review › Journal article – Annual report year: 2015

**Second order elastic metrics on the shape space of curves**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Projects:

**Optimization on Manifolds - with applications to shape optimization.**
Project: PhD