

Lisandra Hernandez | CV

Stony Brook University, 100 Nicolls Rd, NY 11774, Stony Brook, USA

✉ lisandra@math.stonybrook.edu

🌐 <http://www.math.stonybrook.edu/~lisandra/>

Education

- **Stony Brook University** **Stony Brook, NY**
PhD in Mathematics
August 2015-Present
In progress. Advisor: Michael Anderson
- **Florida International University** **Miami, FL**
Master Degree in Mathematics
2014
Master Thesis: "Poisson Structures on Twistor Spaces of Hyperkaehler and Hypercomplex manifolds",
Advisor: Gueo Grantcharov
- **Florida International University** **Miami, FL**
Bachelor Degree in Mathematics
2012

Research

- **"Poisson Structures on Twistor Spaces of Hyperkaehler and HKT manifolds"**
arXiv:1410.8854, submitted and accepted by J. Geom. Phys Oct. 2014
Joint work with Gueo Grantcharov. Invited contribution for the special issue in honor of P. Gauduchon's 70th Birthday.
- **"Warped Tori with Almost Nonnegative Scalar Curvature"**
arXiv:1804.04581, submitted and accepted by Geometriae Dedicata May 2018
Joint work with Brian Allen, Davide Parise, Alec Payne, Shengwen Wang

Awards.....

- **NSF Grant** **Moscow**
Math in Moscow Program, at IUM and HSE 2014
- **RTG Grant** **Stony Brook**
Stony Brook University, 2017-2018

Seminar Talks.....

- **SBU Graduate Student Seminar** **Stony Brook**
Stony Brook University, May 2018, Fall 2016
- **Student Differential Geometry Seminar** **Stony Brook**
Stony Brook University, Jan. 2019

- **Geometric Analysis Seminar**
Stony Brook University,
- **RTG Seminar**
Stony Brook University,

Stony Brook
Dec. 2016, Jan 2019

Stony Brook
Sept. 2018

Teaching

- **Summer 2019: Instructor for MAT 131 - Calculus I**
Stony Brook University, Stony Brook, NY
- **Spring 2019: Grader for MAT 531 - Topology and Geometry**
Stony Brook University, Stony Brook, NY
- **Spring 2019: Grader for MAT - Analysis for Teachers**
Stony Brook University, Stony Brook, NY
- **Summer 2017: Instructor for MAT 341 - Applied Real Analysis**
Stony Brook University, Stony Brook, NY
- **Spring 2016-Fall 2016, Fall 2018: TA for MAT 203 - Calculus III with Applications**
Stony Brook University, Stony Brook, NY
- **Fall 2017: TA for MAT 132 - Calculus II**
Stony Brook University, Stony Brook, NY
- **Fall 2015: TA for MAT 125 - Calculus A**
Stony Brook University, Stony Brook, NY
- **Fall 2014-Spring 2015: Instructor for Pre-Calculus Algebra MAC 1140.**
Florida International University, Miami, FL
- **2012-2013: TA for College Geometry, Graph Theory, QBIC Program "Statistics for Biology Majors using MATLAB".**
Florida International University, Miami, FL

Technical and Personal skills

- **Programming Languages:** Proficient in: Java, Matlab, LaTeX
- **Languages:** Fluent in Spanish and English.

Extra-curricular activities

- **Fall 2018-Present:** Co-founder and Co-organizer of the Student Differential Geometry Seminar