

JAE HO CHO

EDUCATION

Stony Brook University – *Ph.D. in Mathematics*

AUGUST 2016 – PRESENT, U.S.

- Fields : Ricci Flow, Kähler Geometry
- Advisor : Xiuxiong Chen

Seoul National University – *B.A. in Mathematics*

MARCH 2010 – FEBRUARY 2016, SOUTH KOREA

- Graduated with Honors (Cum laude)

PUBLICATIONS

1. J. H. Cho, Y. Li, *Ancient solutions to the Ricci flow with isotropic curvature conditions*, [arXiv:2005.11866](https://arxiv.org/abs/2005.11866), submitted

AWARDS AND FELLOWSHIPS

G-Research Virtual Quant Finance Algorithmic Challenge

2020, JAPAN, ONLINE

- 1st Prize : Continuous Blackjack (2020)

National Scholarship

2010 – 2016, SEOUL NATIONAL UNIVERSITY

National Math Competition in South Korea

KOREAN MATHEMATICAL SOCIETY

- Silver Medal (2014)
- Bronze Medal (2011)

LANGUAGES / SKILLS

- Korean(native), English(advanced)
- Skilled at Python, Wolfram Mathematica

EXPERIENCE

Stony Brook University – *Research Assistant*

2019–2020, THE RESEARCH FOUNDATION FOR SUNY

Stony Brook University – *Teaching Assistant*

- Linear Algebra (2019, 2020)
- Calculus III with Applications (2018, 2019)
- Calculus II (2018)
- Precalculus (2017)
- Calculus A (2016)

Stony Brook University – *Grader*

- Introduction to Linear Algebra (2017, 2018)
- Topology and Geometry (2017)

PRESENTATIONS

Ancient solutions to the Ricci flow with isotropic curvature conditions

NOVEMBER 2020

Geometry/Topology Seminar, Stony Brook University

The Ricci flow under almost non-negative curvature conditions

APRIL 2020

Geometric Analysis Learning Seminar, Stony Brook University

How to Produce the Ricci Flow on the Noncompact Manifold

APRIL 2019

Geometric Analysis Learning Seminar, Stony Brook University

Properties on Schramm – Loewner Evolution

DECEMBER 2018

Analysis Student Seminar, Stony Brook University

Ricci flow and the Differentiable sphere theorem

OCTOBER 2018

Geometric Analysis Learning Seminar, Stony Brook University

Regularity estimates and the convergence theorem of the Kähler-Ricci flow when $C_1(M) < 0$

OCTOBER 2018

RTG Student Geometry Seminar, Stony Brook University

3-Manifolds with positive Ricci Curvature

APRIL 2018

Geometric Analysis Learning Seminar, Stony Brook University