

SERBAN EUGEN CICORTAS

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EDUCATION

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|--|-----------------------------------|
| Princeton University
<i>PhD in Mathematics</i>
Advisor: Igor Rodnianski. | September 2021 - Present |
| University of Cambridge, Trinity College
<i>Master of Advanced Study in Pure Mathematics, Distinction</i>
Part III Essay: The Existence of Naked Singularities and Their Instability.
Advisor: Mihalis Dafermos. | October 2020 - July 2021 |
| Princeton University
<i>Bachelor of Arts in Mathematics, Highest Honors</i>
Senior Thesis: Global Stability for Weak Null Wave Equations with Multi-localized Initial Data.
Advisor: Sergiu Klainerman. | September 2016 - June 2020 |

RESEARCH INTERESTS

Partial Differential Equations, General Relativity, Nonlinear Wave Equations

PUBLICATIONS

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|--|------|
| 2. Scattering for the Wave Equation on de Sitter Space in All Even Spatial Dimensions
arXiv:2309.07342. Submitted. | 2023 |
| 1. Extensions of Lorentzian Hawking–Page Solutions with Null Singularities, Spacelike Singularities, and Cauchy horizons of Taub–NUT type
arXiv:2209.06134. Submitted. | 2022 |

INVITED TALKS

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| Mathematical GR and Hyperbolic PDE Seminar | March 2023 |
| Princeton Graduate Student Seminar | February 2023 |

TEACHING EXPERIENCE

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| Preceptor for MAT 175 - Mathematics for Economics/Life Sciences | Fall 2023 |
| Teaching Assistant for Integration Theory, Complex Analysis | Fall 2022 - Spring 2023 |

AWARDS

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| Centennial Fellowship | 2021 - 2025 |
| Trinity Studentship in Mathematics | 2020 - 2021 |
| George B. Covington Prize in Mathematics | 2020 |

Elected to Membership in the Society of Sigma Xi	2020
Elected to Membership in the Phi Beta Kappa Society	2019
Peter A. Greenberg '77 Prize	2019
Princeton University German Department Book Prize	2017, 2018, 2019

OTHER

Princeton-Cambridge Joint General Relativity Seminar Organizer	2022-2023
Princeton Graduate Student Seminar Co-Organizer	2022-2023