

THE CATHOLIC UNIVERSITY OF AMERICA
Washington, DC 20064

SEMINAR IN FUNCTIONAL ANALYSIS
AND RELATED AREAS

Wednesday, October 19, 2022

4:45 p.m. - 6:30 p.m.

SPEAKER: Dr. Curtis Holliman
The Catholic University of America

TITLE: Blowup Conditions for extensions of Novikov's equation

ABSTRACT: We consider a family of equations that extend the integrable Novikov's equation while maintaining the property of having peaked-soliton solutions. We examine a number of blowup scenarios for these equations and put them into context with ill-posedness.

PLACE: Aquinas Hall, room 108. The talk will be on Zoom as well (from 4:45 p.m. to 6:30 p.m. ET). The corresponding link will be sent to everyone in advance.

ORGANIZERS: V. Bogdan (The Catholic University of America), P. Kainen (Georgetown University), R. Kalpathy (The Catholic University of America), and A. Levin (The Catholic University of America).

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<https://mathematics.catholic.edu/faculty-and-research/mathematics-seminar/index.html>