Guest Speaker: Wern Yeong  
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Date: Monday, April 26, 2021
Time: 4:00 PM
Location: Zoom
Zoom URL: notredame.zoom.us/j/95815357423

Lecture Title:
Survey of techniques and progress toward the Green-Griffiths-Lang and Kobayashi conjectures on hyperbolicity

Abstract
The Green-Griffiths-Lang and Kobayashi conjectures make connections between concepts in geometry and number theory, e.g. curvature, positivity, entire curves and rational points. These conjectures can be thought of as generalizations of the behavior of Riemann surfaces depending on their geometric genus, which is the starting point of this talk. Then we discuss some techniques and progress toward these conjectures, and their algebraic analogs. Aimed for a general math audience.