



Pacific Institute *for the*
Mathematical Sciences

PIMS–UNBC Distinguished Colloquium

March 2, 2023 | 2.30pm Pacific

Cameron Stewart, University of Waterloo

Arithmetic and transcendence

Techniques developed for transcendental number theory have had many surprising applications in the study of purely arithmetic questions. The aim of our talk will be to discuss this phenomenon.



Register in advance for this meeting:

<https://www.pims.math.ca/scientific-event/230302-pudcscs>

Speaker Biography:

Cameron L. Stewart is a University Professor in the Department of Pure Mathematics at the University of Waterloo. He received his PhD from the University of Cambridge in 1976 under the supervision of Alan Baker. Dr. Stewart is one of Canada's most distinguished number theorists with outstanding contributions in Diophantine approximation and Diophantine equations. He is particularly recognized for his work on the abc conjecture. He has held a Canada Research Chair (tier 1) since 2003. Dr. Stewart is a Fellow of the Royal Society of Canada, the Fields Institute and the Canadian Mathematical Society. He presented the 27th Isidore and Hilda Dressler Lecture at Kansas State University in 2015. Among the many honours and prestigious awards that he has received are the J.T. Knight Prize (1974), Killam Research fellowship (1990) and Excellence in Graduate Supervision Award (2019).