

# COLGATE UNIVERSITY

Division of Natural Sciences & Mathematics

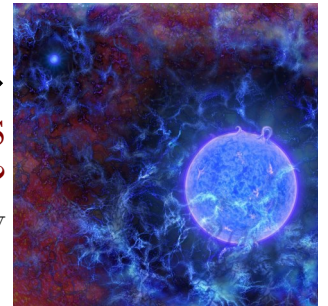
SCIENCE COLLOQUIUM SERIES

Fall 2020

❖ September 25, 2020 ❖

**WHAT CAN THE FIRST GENERATION OF STARS TELL US ABOUT DARK MATTER?**

*Cosmin Ilie, Department of Physics & Astronomy*



❖ October 9, 2020 ❖

**MIXING TIMES OF CARD SHUFFLING AND ROAD TRAFFIC**

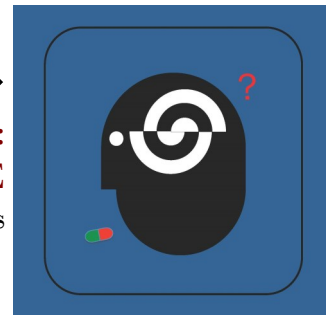
*Joe Chen, Department of Mathematics*

*Rodrigo Marinho, Técnico Lisboa, Portugal*

❖ October 23, 2020 ❖

**EFFECTIVENESS OF PSYCHIATRIC MEDICATIONS: CRITICAL ANALYSIS OF THE SCIENTIFIC EVIDENCE BASE**

*Scott Kraly, Department of Psychological and Brain Sciences*

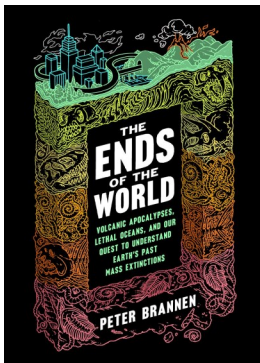


❖ October 30, 2020 ❖

**MASS EXTINCTIONS, THE ANTHROPOCENE, AND OTHER MISHAPS IN EARTH HISTORY**

*Peter Brannen, Author, Ends of the World*

(Co-sponsored by CORE Scientific Perspectives)



❖ November 6, 2020 ❖

**EXPLORING CULTURAL HERITAGE WITH MOBILE MRI**

*Bernhard Blumich, Department of Chemistry*

*RWTH Aachen University*

(Co-sponsored by CORE Scientific Perspectives)



❖ November 13, 2020 ❖

**KEEPING THE LIGHTS ON: STUDYING FIREFLY SYNCHRONICITY AND POWER GRID STABILITY USING ALGEBRA, GEOMETRY, AND COMBINATORICS**

*Rob Davis, Department of Mathematics*



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**FRIDAYS AT 3:30PM - VIA ZOOM - LINK TO BE SENT BEFORE EACH SESSION**

Coordinators: Joe Levy (x7834), Eric Muller (x7244)