

Physics and Physical Oceanography MSc Seminar

When Stars End with a Bang: Gravity, Supernovae, and Chandrasekhar

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DATE: Thursday, April 23, 2020

TIME: 3:00 pm

Place: Brightspace Online Room (see link below)

<https://ysu-na.youseeu.com/sync-activity/invite/653531/a538b2f628e0007ee92a1faf92cdcd03?lti-scope=d2l-resource-syncmeeting-list>

ABSTRACT: This talk, on the difference between core-collapse supernovae (the end stage of massive stars) and type Ia supernovae (when White Dwarfs absorb enough matter from a binary partner to reach the Chandrasekhar limit), was first presented (last week) to a general audience consisting mostly of Royal Astronomical Society of Canada, St. John's Centre members. It will be supplemented by a few additional slides elaborating on some of the underlying physics. The emphasis will be on how these distinct, but similarly violent, stellar ends are both the inevitable result of gravitational collapse.

ALL ARE WELCOME!