

**TRENT UNIVERSITY
PHYSICS & CHEMISTRY SEMINAR PROGRAM**

WEDNESDAY, NOVEMBER 16, 2016

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Cells mechanics and soft condensed matter

ABSTRACT

Mammalian cells change their mechanical properties in response to their environment, whether that is the surface they attach to or the density of their neighbors. Applying concepts from soft condensed matter can help us both understand these changes and make predictions about how changing cell mechanics can affect other cell behaviors like cell motion and even gene expression. I will discuss some of our recent results studying the connection of cell mechanics to cell volume and to collective cell motion.

SCIENCE COMPLEX ROOM 115

11:00 AM

All Welcome!

Check schedule on the web for updates: <http://www.trentu.ca/physics/seminars.php>