

# HONOURS SEMINAR

**Michael Chesterton**

## **Cartesian Product of Compact Spaces**

*Supervised by Remus Floricel*

**December 20, 2018**

**11:00 AM**

**Mathematics and Statistics Lounge, CW 307.20**

### **Abstract:**

Our purpose in this presentation is to discuss a proof of Tychonoff's theorem. We will also take a brief look into the theorem's fascinating connection to the axiom of choice.