

# Theoretical Statistics and Mathematics Unit

## Monday Colloquium

Date: January 02, 2017

Time: 4.15 p.m.

Venue: L- Infinity, Stat-Math Unit (5th Floor, New Academic Building)

Dan Virgil Voiculescu  
University of California, Berkeley  
USA

## A Glimpse at bi-free probability

### Abstract

I will provide a glimpse at the recent extension of free probability to systems with left and right variables based on a notion of bi-freeness. This will include the simplest cases of nonlinear convolution operations on non-commutative distributions and the analogue of extreme values in this setting.

All are cordially invited