

# Mathematics Colloquium

**17 April**  
**16h15**

Room: 1-15  
Section of mathematics  
rue du Conseil-Général 7-9



## Rob Corless

(University of Western Ontario)

### Gamma and Factorial in the Monthly

Abstract: By 2016, the American Mathematical Monthly had published roughly fifty papers on the  $\Gamma$  function or Stirling's formula. We survey those papers (discussing only our favourites in any detail) and place them in the context of the larger mathematical literature on  $\Gamma$ . We also discuss a surprising blank spot: there had been very little published work on the functional inverse of this function. This omission has been rectified somewhat, since.

[www.unige.ch/math/](http://www.unige.ch/math/)

FACULTÉ DES SCIENCES  
**SECTION DE MATHÉMATIQUES**



**UNIVERSITÉ  
DE GENÈVE**