



## DK Talk announcement

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**Prof. Richard Askey**  
University of Wisconsin-Madison, USA

**29 August 2011, 1:30 p.m.,  
RISC seminar room**

### **"Inequalities for special trigonometric series"**

Ever since work of Fejer over 100 years ago, there has been continuing interest in special trigonometric series whose partial sums are non-negative, or just the full infinite series is non-negative. Some examples will be given, including two very interesting and surprising examples found by Vietoris. There are some interesting open problems where computer graphics and computer algebra will likely be useful.