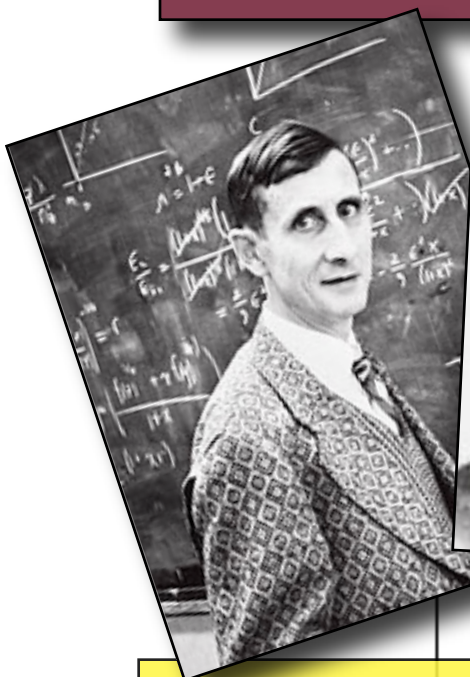


# Freeman Dyson's Challenge for the Future: The Story of Ramanujan's Mock Theta Functions



A talk by  
**Prof. Ken Ono**

**Saturday February 21, 2009  
12:30-1:15PM  
Physicians Auditorium  
College of Charleston**

Many people are familiar with the story of the brilliant mathematician Srinivasa Ramanujan. But most people don't know about the "mock theta functions" he was working with right before he died. The famous physicist Freeman Dyson predicted that they would provide a general framework for solving problems in number theory, but like many of Ramanujan's other discoveries, these functions remained mysterious to the mathematical community for many years. Professor Ono (Univ. of Wisconsin) will tell the story, and give some down to earth concrete examples of the power of Ramanujan's theory.

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