MANY CHEERFUL FACTS

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A Generic Talk

a talk by Bernard Anderson

11:10 am - 12:00 on Wednesday, March 8th, in room 1015.

An interesting, yet easily accessible, topic in Recursion Theory is 1-generic reals. We will cover the abundance of such "ordinary" reals and their use in "hiding" information. No prior knowledge of Recursion Theory is presumed. Possible topics include the Friedberg Jump Inversion, C(G,X), every REA set is a sum of two 1-generics, as well as more basic lemmas and definitions. The speaker promises many cheerful facts, but cannot guarantee generically-many of them.

I am the very model of a modern Major General,
I've information vegetable, animal, and mineral,
I know the kings of England, and I quote the fights historical
From Marathon to Waterloo, in order categorical;
I'm very well acquainted, too, with matters mathematical,
I understand equations, both the simple and quadratical,
About binomial theorem I'm teeming with a lot o' news,
With many cheerful facts about the square of the hypotenuse!

- Gilbert & Sullivan $P \circ P$