1039-11-1   **Michael A. Bennett*** (`bennett@math.ubc.ca`), Department of Mathematics, University of British Columbia, Vancouver, BC V6T 1Z2, Canada. *Diophantine equations : from Erdos to Wiles and back.*

In this talk, I will attempt to survey a number of recent developments in the rather elderly field of Diophantine equations, with particular attention being paid to those arising from the work of Wiles proving Fermat's Last theorem. Connections to other classical problems will be sketched. (Received February 28, 2008)