

# **DARK MATTER - A MYSTERY TO SOLVE**

W. Rau\*

*Queen's University, Kingston ON*

Since three quarters of a century we know that there is considerably more mass in the universe than we can assign to visible objects. In this talk I will go over some of the evidence for this mysterious dark matter and discuss what it might be. In the second part I will concentrate on Weakly Interacting Massive Particles (WIMPs), one of the prime candidates to solve this mystery, and discuss the different experimental approaches to search for these particles with an emphasis on the direct WIMP search experiments with Canadian participation.

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\*E-mail: [rau@owl.phy.queensu.ca](mailto:rau@owl.phy.queensu.ca)