

Notice of a **Free Public Lecture** to be presented by the



Australian Institute of Physics (SA branch)

<http://www.physics.adelaide.edu.au/aip-sa>

Please direct enquiries to the following AIP contacts, and not to University Physics departments:

Vice-chair: Dr John Patterson (08) 8303 5291 jpatters@physics.adelaide.edu.au
Secretary: Dr Laurence Campbell (08) 8201 2093 laurence.campbell@flinders.edu.au Fax: (08) 8201 2905
SOCPEs, Flinders University of S.A., GPO Box 2100, Adelaide, 5001 a.h. (08) 8277 7036

in the **FLENTJE lecture theatre**
Plaza building, Adelaide University

(Go down the steps at the North-East corner of Hughes Plaza, or enter from the Horace Lamb building.)

at **7:30pm, Wednesday 31st May 2000**

**“The Subatomic Structure of Matter and
the Origin of Mass”**

by **Anthony W Thomas**
Elder Professor of Physics
and Director, CSSM, Adelaide University

Abstract:

Established just 3 years ago, Australia’s National Centre for the Subatomic Structure of Matter (CSSM) has earned an international reputation for its research programs in Theoretical Nuclear and Particle Physics. We aim to understand the structure of matter at its deepest levels. After providing a brief history of the CSSM and its aims and achievements, I will delve into some of the research highlights in an easily understandable manner. Our research has implications for the understanding of matter inside pulsars and within the first second after the big bang. We are discovering new insights into the origin of mass itself.