

Notice of a **FREE PUBLIC LECTURE** presented



by the **Australian Institute of Physics (SA branch)**

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at **7:30 pm** on **Thursday 15<sup>th</sup> February 2007**

in **Union Hall** at the  
**University of Adelaide**

**Out of Africa:  
a 2 billion year old nuclear reactor**

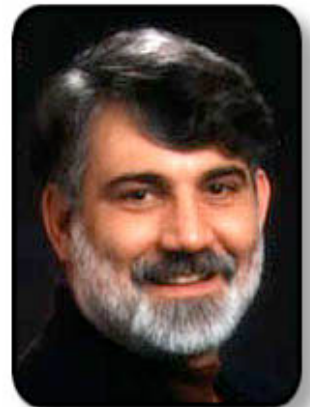
By

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**Abstract:** Enrico Fermi's experimental nuclear reactor, constructed in the 1940's under a sports stadium in Chicago, is widely described as initiating the world's first nuclear chain reaction. But the fossil remains of a natural reactor have been discovered in Africa that operated 2 billion years ago. This lecture describes what was found and how it worked.



**The Bronze Bragg medal and merit certificates will be presented at the lecture.**

The medal is awarded for the best performance in the 2006 Year-12 Physics exam, with the certificates being for students who received a score of 20/20.