THE TOM FARRELL INSTITUTE

FOR THE ENVIRONMENT

Professor Tim Roberts, Director

Room IDC219, IDC Building The University of Newcastle University Drive, Callaghan NSW 2308 Ph: +61 2 49 217037 Mobile 0418205664

Fax: +61 2 49 215 033 tim.roberts@newcastle.edu.au www.newcastle.edu.au/tfi



INVITATION TO ATTEND A LECTURE ON SOLAR COOKING TO TASTE THE WONDERFUL SOLAR-COOKED FOOD.

8 August 2013 **IDC** Building 10.30 for the solar food 10am for the National Science Week Brainfood morning tea 11am for the lecture.

"Potencialities of Solar cooking in Australia"

CSIRO Energy Visiting Research Scientist Professor Celestino Ruivo (PhD), Professor at ISE-University of Algarve, Portugal

Australia has a great solar potential that have been explored in some thermal applications, namely the (domestic) hot water systems, but not for domestic or industrial cooking scale applications. With this great source of energy a significant number of families could cook their meals over 300 days per year. Taking into account some real examples of other regions of the world, namely in Chile and in India, the integration of a solar cooking process in canteens of schools and companies as well as in restaurants seems to be an attractive strategy towards the rational and sustainable use of energy.

Solar cooking is an interesting alternative to the conventional cooking process. Solar cookers can cook a large variety of meals, slowly or quickly as in a gas burner. There are several institutions acting in several parts of the world, namely non-governmental organizations, having as main goal the dissemination of solar cooking in large scale.



