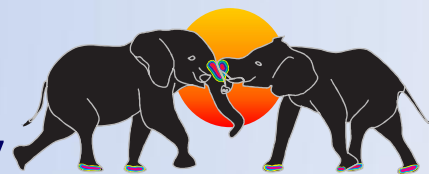
 **MECA SENS 2017**  
SKUKUZA, SOUTH AFRICA, 19-21 SEPTEMBER 2017



The 9<sup>th</sup> International Conference on Mechanical Stress Evaluation by Neutron and Synchrotron Radiation  
"Stress School" and visit to the SAFARI-1 research reactor

Hosted by the South African Nuclear Energy Corporation (Necsa) SOC Limited  
*Manuscripts to be peer-reviewed and published in a topical international journal*

### **Conference topics**

- " Stress evaluation using neutrons, synchrotron radiation and X-rays
- " Development of measurement methods and instrumentation
- " Material processing with relation to residual stresses
- " The influence of residual stresses on physical and mechanical properties of materials and components
- " Measurement and assessment of residual microstresses and intergranular stresses
- " Residual strains and stresses in complex materials, e.g. multiphase materials and biomaterials
- " Residual stresses in thin films and microcomponents
- " Industrial applications of residual stress analyses using neutrons, synchrotron radiation and X-rays
- " Complementary techniques for residual stress measurements, e.g. mechanical methods vs. diffraction
- " Others

### **Important dates**

- " 01/02/2017 Call for abstracts
- " 15/03/2017 Abstract submission closes;  
Expression of interest for Stress School and SAFARI-1 visit
- " 15/04/2017 Abstract acceptance notification
- " 15/05/2017 Early bird registration closes
- " 01/08/2017 Regular registration closes
- " 01/09/2017 Manuscript submission closes
- " 18/09/2017 Stress School
- " 19 – 21/09/2017 MECA SENS 2017
- " 22/09/2017 SAFARI-1 Research Reactor visit

### **Fees**

- " Scholarships may be available for participation by African students
- " Early Bird: R 7600
- " Regular: R 8600
- " Late registration: R 10600
- " Stress School: R 2600

### **Estimation of related costs**

- " Local travel: R 2600
- " Accommodation: R 1205/night  
(Sharing options available)

### **Venue**

Skukuza Conference Centre, Kruger National Park



### **Site visit**

SAFARI-1 Research reactor, Necsa, Pelindaba



### **Contact information**

- " Conference organiser: The Inside Edge Email: [mecasens@ie.co.za](mailto:mecasens@ie.co.za) Tel: +27 11 468 1580
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[www.eiseverywhere.com/ehome/mecasens](http://www.eiseverywhere.com/ehome/mecasens)

