

# 3<sup>rd</sup> Stellenbosch University SAR Symposium

## 12 & 13 October 2017, Stellenbosch

You are hereby invited to the 3<sup>rd</sup> Stellenbosch University SAR Symposium (SUNSAR 2017) on 12 & 13 October 2017 in Stellenbosch, South Africa.

### **About SUNSAR**

The SUNSAR Symposium provides a forum for discussion and sharing of research on the development and application of Synthetic Aperture Radar (SAR) in South Africa. SAR is becoming prevalent in South Africa's earth observation sector, with new applications (and new sensors) being developed in academia, research councils and private industry. SAR is being successfully used in domains such as agriculture, urban monitoring, maritime domain awareness, woody biomass estimation, water body mapping, geohazards etc. With the free availability of Sentinel-1 imagery now a reality, spaceborne radar imagery is becoming more accessible than ever – even to those who are not SAR experts. SUNSAR aims to:

- a) Present and discuss the SAR research currently being conducted in South Africa;
- b) Strengthen and broaden the networks of SAR and other earth observation partners in South Africa, including research, education and industry;
- c) Stimulate discussion around the future of SAR research, applications, sensors, user needs and collaborations in South Africa and beyond.

The symposium is **open to all** who are interested in exploring the potential of SAR in their domain or industry.

### **Dates, details and registration:**

SUNSAR will be held on 12 & 13 October at the **Stellenbosch Institute for Advanced Study (STIAS)** conference facility in Stellenbosch. The registration fee is **R1500** which includes lunch, coffee, tea and snacks, as well as parking at STIAS. In order to register, please complete the following Google Form by 22 September 2017:

<https://goo.gl/forms/Hru3zirLLieVEp3l2>

Please note that registration will only be complete once the registration fee of R1500 has been paid and payment confirmation has been emailed to **jkemp@sun.ac.za**. This is required in order to associate your payment with your registration. You will receive an invoice with payment details shortly after completing the Google Form.

## Pre-symposium SAR-EDU course (9-11 October 2017)



A course on “**Advanced SAR Techniques and Applications**” will be held before the symposium on 9-11 October 2017 on the Stellenbosch University campus. This SAR-EDU course will be presented by **Dr Thomas Jagdhuber** from the German Aerospace Agency (DLR), together with **Prof Christiane Schmullius** and **Dr Jussi Baade** from the Friedrich Schiller University in Jena, Germany. The course is aimed at people with an existing, basic knowledge of Synthetic Aperture Radar imagery, and will introduce the use of SAR Polarimetry and Interferometry with a view on applications such as soil moisture, agriculture and digital elevation modelling, among others.

The course fee is R1000 and is open to all. For more information and registration for this course, please follow the link below:

[SAR-EDU Course Invitation and Registration Details \(http://bit.ly/2uUql5V\)](http://bit.ly/2uUql5V)

## Post-symposium wine tasting and lunch (14 October 2017)



Please join us for an informal wine tasting and lunch at a wine farm near Stellenbosch on Saturday 14 October after the symposium!

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Kindly distribute this invite as widely as possible, and please do not hesitate to contact me should you have any questions. We look forward to welcoming you to Stellenbosch in October!

**Jaco Kemp**  
(Symposium Organizer)

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