



The University of Johannesburg invites you to the
Anatomical Society of Southern Africa 46th Annual Conference
 22-25 April 2018 | Kloofzicht Lodge | Muldersdrift | Gauteng

Celebrating the past
Reimagining the future

FORENSIC ANTHROPOLOGY INTEREST GROUP (FAIG):
 ASSA 2018 Pre-conference workshop

Sunday, 22 April 2018
 Kloofzicht Lodge, Muldersdrift, Gauteng, South Africa

Workshop Theme: 3D Analysis & Statistics

PRELIMINARY PROGRAMME

Time	Topic	Speaker
SESSION 1		
10:30 – 10:35	Welcoming	Prof Maryna Steyn
10:35 – 10:50	3D applications in facial identification	Dr Tobias Houlton
10:50 – 11:20	ForAge: Age estimation using 3D surface morphology	Ms Laurette Joubert
11:20 – 11:25	Introduction of speaker	Dr Candice Small
11:25 – 12:30	Modern Methods in Estimating Ancestry in Forensic Anthropology	Prof Ann Ross
Lunch (12:30 – 13:30)		
SESSION 2*		
13:30 – 13:35	Introduction of speaker	Dr Nanette Briers
13:35 – 15:00	Taking Control of Your High-Tech Forensic Anthropology Data: An Intro to Writing Custom Data Analytics Tools in R for Beginners	Assoc Prof Carl N Stephan

***Important to take note:**

- Participants should bring a fully charged laptop for session 2.
- Laptop should have the following 2 programs installed (both are free downloads from the internet):
 1. R: <https://cran.r-project.org/>
 2. Notepad++: <https://notepad-plus-plus.org/>
- Anyone running on mac will need to install X Windows patch available below:
<http://planspace.blogspot.com.au/2013/01/fix-r-tcltk-dependency-problem-on-mac.html>

Please note that workshop participants use / install any of the above software at their own risk.





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INVITED SPEAKERS

Professor Ann H Ross: USA

Professor Ann H. Ross is in the Department of Biological Sciences at NC State University and serves as the Forensic Faculty Cluster leader. Professor Ross is Board certified by the American Board of Forensic Anthropology and her laboratory holds the State contract for the NC Office of Chief Medical Examiner's for forensic anthropological casework for all 100 counties. Her areas of expertise are in child homicides and trauma analyses and her lab is the only one regularly using DXA and tool mark comparisons of witness and test marks on bone. She serves as the Associate Editor for the Journal of Forensic Sciences and as VP of the Forensic Anthropology Society of Europe. Professor Ross also co-developed the software program 3D-ID- Geometric Morphometric Classification of Crania for Forensic Scientists, which was funded by the National Institute of Justice and is freely available to forensic practitioners (www.3d-id.org).



Professor Carl N Stephan: Australia

Professor Carl N. Stephan is an associate professor in the School of Biomedical Sciences, University of Queensland, Brisbane, Australia. He heads the Laboratory for Human Craniofacial and Skeletal Identification (HuCS-ID) at the University of Queensland. He is also the chief anatomist at the University of Queensland and current President of the International Association of Craniofacial Identification. He formerly worked as ORISE Research Fellow / Anthropologist at the JPAC Central Identification Laboratory, and now serves as a visiting scientist to the USA Defence POW/MIA Accounting Agency. He is an editorial board member of **Forensic Anthropology and the Journal of Forensic Sciences**. Prof Stephan is an expert in biostatistics and physical anthropology among others, and as such established a resource hub at <http://www.craniofacialidentification.com/> that offers information, data and code, which he developed, that are orientated towards craniofacial analysis, including skull morphology, craniofacial superimposition and facial approximation techniques.



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