



## SASHG 2017

UBUNTU: GENETICS  
Why we do what we do

SA SOCIETY OF HUMAN GENETICS  
Southern Sun Elangeni & Maharani Hotel  
**13 – 16 August 2017**

17<sup>th</sup> Biennial Congress of the Southern African  
Society for Human Genetics

We are delighted to invite you to the 17<sup>th</sup> Biennial Congress of the Southern African Society for Human Genetics (SASHG 2017) 13-16<sup>th</sup> August at the Southern Sun Elangeni & Maharani Hotel in Durban, KwaZulu-Natal.

Our theme, 'Ubuntu Genetics: Why we do what we do', is focused on the patients and communities affected by congenital disorders and genetic conditions we serve as clinicians and researchers.

We look forward to welcoming you in Durban.

### Abstract Submission

All abstracts must be submitted by 18 April 2017. Accepted abstract notifications will occur on 15 May 2017. Please submit abstracts electronically on Oxford Abstracts, go to [www.savetcon.co.za](http://www.savetcon.co.za) click on SASHG2017 link.

All platform presentation abstracts must be aligned to the session themes. Abstracts will be allocated to theme sessions.

**LATE SUBMISSIONS WILL NOT BE CONSIDERED.**

### Important Dates

<b>18</b>	Tuesday, April 18, 2017	Closing date for abstract submissions
<b>15</b>	Monday, May 15, 2017	Notification of outcome
<b>30</b>	Tuesday, May 30, 2017	Closing date for early bird registrations
<b>31</b>	Monday, July 31, 2017	Closing for regular registrations

### Registration Fees SASHG

Early Registrations Payments before 31 May 2017	
Members	R3925.00
Non-members	R4400.00
Student members	R2940.00
Student non-members	R3400.00
Regular Registrations Payments before 31 July 2017	
Members	R4590.00
Non-members	R5000.00
Student members	R3400.00
Student non-members	R3800.00
Late/ On Site Registrations Payments after 31 July 2017	
Members	R 5730.00
Non-members	R 6000.00
Student members	R 4230.00
Student non-members	R4700.00
Day Registrations	
Members	R1470.00
Non-members	R1900.00
Student members	R1260.00
Student non-members	R1580.00
Social Events	
Social function	R100.00
Social function - partner	R250.00
Gala dinner	R100.00
Gala dinner - partner	R250.00
Meetings and workshop	
Clinical meeting	R100.00
Dysmorphology meeting	-
Genetic Councillors meeting	R100.00
Workshop: Human and Vertebrate Genomics: Bioinformatics Tools and Resources	-

# 2<sup>nd</sup> announcement

## Accommodation

Southern Sun Elangeni & Maharani Hotel in Durban,  
KwaZulu-Natal

Single	R1 350	Double	R1700
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Tel: 031 362 1300 | Cell: 084 794 3333  
Southern Sun Elangeni & Maharani | 63 Snell Parade  
| Durban, 4001

## Workshop: Human and Vertebrate Genomics: Bioinformatics Tools and Resources

10-12 August 2017

In collaboration with the 17<sup>th</sup> Biennial Congress of the Southern African Society for Human Genetics, this free-to-attend, 3-day, pre-Congress course will provide an intensive introduction to bioinformatics tools freely available on the Internet, focusing primarily on the Human Genome data.

Participants will be given hands-on training in the use of public databases and web-based sequence analysis tools. All course materials will be provided and also made available on the Web.

The course has a strong emphasis on applied training, and practical exercises along with interaction and discussion between participants and instructors are key features of the programme.

The course will be held at the Southern Sun Elangeni & Maharani Hotel, Durban, South Africa, prior to the start of the Congress.

Places are limited and will be awarded on merit. Please see "How to Apply" for more details.

**Please note: Participants will need to provide their own wireless-enabled laptop computer for practical sessions.**

### Learning Outcomes

On completion of the course, participants can expect to be able to:

- Browse and query genomes, and be able to interpret how genes and other features are displayed. Download data with BioMart and Table browser, upload their own data and interpret different biotypes.
- Identify paralogous and orthologous genes, compare genomes and identify evolutionary conserved sequences.
- Explore and interpret ENCODE data.
- Query protein and domain databases, interpret protein structures, perform basic homology modelling and investigate pathway databases.
- Access non-coding RNA databases, microRNA resources and view and interpret them.
- Query genomic variation resources, integrate variation information and view this in the context

of the genome and interpret genotypes and haplotypes.

- Explore variation and the relationship between genotype, phenotype and disease using a variety of tools and databases.
- Evaluate Next Generation Sequencing methods and their applications.

## Programme outline

### Sunday 13 August 2017

Clinical meeting - Inkosi Albert Luthuli Hospital	10:00 - 15:00
Genetics counsellors meeting (R450 per person) - Southern Sun Elangeni & Maharani Hotel, Durban	Time to be announced
Registration	14:00 - 18:00
Opening Dinner	19:00

### Monday 14 August 2018

Registration	07:00 - 08:30
Programme	08:30 - 17:30
Dysmorphology meeting - Southern Sun Elangeni & Maharani Hotel, Durban	Time to be announced
Networking Dinner	19:00

### Tuesday 15 August 2018

Registration	07:00 - 08:30
Programme	08:30 - 17:30
BGM	16:00 - 18:00
Gala Dinner	19:00

### Wednesday 16 August 2018

Registration	07:00 - 08:30
Programme	08:30 - 13:00
Closing and Lunch	13:00 - 14:00

## Congress Secretariat



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