



## 2<sup>nd</sup> Annual African DNA Forensics Conference

28 and 29 October 2010

Farm Inn, Die Wilgers, Pretoria

### Day 1: Thursday, 28 October 2010

8:00 am - 8:30 am : Registration

8:30 am - 8:40 am : Welcome

**Dr Oliver Preisig (inqaba biotec)**  
**Mr Ed Huffine (BODE Technology)**

#### Session 1

8:40 am-9:30 am

**Professor Keith Findley- *Innocence Project***

Exonerating the Innocent through Post DNA testing

9:30 am – 10:00 am

**Mr Gustavo Chemale- *Forensic Scientist, Forensic Genetics Laboratory, National Institute of Criminalistics, Brazilian Federal Police***

Forensic Genetics in Brazil: Challenges and perspectives

10:00 am – 10:20 am

**Honourable Sindi Chikunga, Chairperson of the Portfolio Committee on Police**

Update on the progress of the development of the “DNA Bill” of South Africa.

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**10:20 am -10:30 am**

Q&A

**10:30 am – 10:50 am**

Tea Break

## **Session 2**

**10:50 am – 11:20 am**

**Mr Ed Huffine- *Vice president Humanitarian Affairs, Bode Technology***

The national impact of developing a forensic DNA system

**11:20 am – 11:50 am**

**Dr Andra Le Roux Kemp- *University of the Western Cape***

DNA forensics and the South African Criminal Justice system, the good, the bad and the ugly

**11:50 am – 12:20 pm**

**Mr. Arnold Greyling- *Managing Director: Forensic DNA Consultants (Pty) Ltd***

Problems facing outsourcing forensic DNA typing in South Africa

**12:20 pm – 12:50 pm**

**Mr Chris Asplen- *Vice President, international Public Affairs, Gordon Thomas Honeywell Government Affairs***

Public and private partnerships - the value private labs bring to DNA Databasing

**12:50 pm – 1:00 pm**

Q&A

**1:00 pm – 2:00 pm**

Lunch Break

## Session 3

**2:00 pm-2:40 pm**

**Professor Antti Sajantila - *Hjelt Institute, Department of Forensic Biology, University of Helsinki***

Integrating forensic genetics with forensic toxicology and pathology

**2:40 pm-3:00 pm**

**Captain Shamil Govan- *National Forensic DNA Serials Team (SAPS)***

DNA Serials Case Study

**3:00 pm-3:20 pm**

**Ms Erin Sweeney- *Manager of the DNA Databanking, BODE Technology, USA***

Qatar National Database Development

**3:20 pm-3:30 pm**

Q&A

**3:30 pm-4:00 pm**

Tea

## Session 4

**4:00 pm-4:20 pm**

**Ms. Lidija Raicevic- *Applied Biosystems Serbia***

Next generation technologies for improved and performance across the DNA analysis workflow

**4:20 pm - 4:40 pm**

**Lt Col Michelle Thompson - *Forensics Science Laboratory (SAPS)***

DNA Serials at the Forensics Science Laboratory

**4:40 pm – 5:00 pm**

**Mr Mike Cariola- *Senior Vice President, Director of Operations, Bode Technology, USA***

Processing one million DNA samples. Lessons learned from a decade of offender databasing,

**5:00 pm- 5:20 pm**

**Q&A**

**Braai**

**5:30 pm Onwards**

**6:00 pm- 6:15 pm**

**Mr Chris Asplen- *Founder of DNA 4 Africa***

**Introducing DNA4Africa:**

Nowhere is forensic DNA technology needed more than in Africa – and nowhere is it less available. That must change. DNA 4 Africa is a non-profit organization dedicated to helping Africa maximize the potential of forensic DNA. Within Africa, DNA can be used to track genocidal violence, promote post-genocidal reunification, as well as body part trafficking and gender-based sexual violence. The mission of DNA 4 Africa is to bring to Africa broader access to the life saving advantages of DNA Forensics technology that is currently only applied in a few countries on the continent”

## **DAY 2: Friday, 29 October 2010**

### **Session 5**

**8:30 am -9:00 am**

**Ms Vanessa Lynch- *DNA Project, South Africa***

Fighting Crime with Science

**9:00 am -9:30 am**

**Mr Mike Cariola- *Senior Vice President, Director of Operations, Bode Technology, USA***

BODE's missing persons' projects

**9:30 am – 09:50 am**

**Colonel Christo Weitz- *South African Police Services***

Evidence collection kits in the field of DNA forensics

**9:50 am – 10:10 am**

**Professor Antti Sajantila - *Hjelt Institute, Department of Forensic Biology, University of Helsinki***

Identification of Tsunami victims in Finland

**10:10 am – 10:30 am**

**Mr Evert Maree- *Department of Forensic Medicine, University of Pretoria***

The use of DNA fingerprinting for the identification of unknown deceased individuals brought to the Pretoria Medico-Legal Laboratory

**10:30am -10:50am**

Q&A

**10:50am – 11:20am**

Tea Break

## **Session 6**

**11:20 am – 11:50 am**

**Professor Paul Grobler- *Department of Genetics, University of Free State***

Applications and limitations of some statistical approaches in animal forensics: case studies from South Africa

**11:50 am – 12:10 pm**

**Ms Karen Ehlers- *Department of Genetics, University of Free State***

Compiling a set of STR markers for forensic applications in black and white rhinos

**12:10 pm – 12:30 pm**

**Ms Allison Gilbert- *Vector Control Reference Unit, National Institute for Communicable Diseases of the NHLS, and Malaria Entomology Research Unit, University of the Witwatersrand and the NHLS***

Pilot study towards Forensic Entomology on the Gauteng Highveld

**12:30 pm – 12: 40 pm**

Q&A

**12:40pm – 1:40 pm**

Lunch Break

## Session 7

**1:40 pm – 2:20 pm**

**Dr Jukka Palo- Hjelt Institute, Department of Forensic Biology, University of Helsinki**

Geographical substructure of genetic diversity in Finland: forensic aspects

**2:20 pm – 2:40 pm**

**Dr Maria Eugenia D'Amato- Research Manager, Forensic DNA Laboratory, Department of Biotechnology, University of the Western Cape**

Design and validation of a highly discriminatory 10-locus Y-chromosome STR multiplex system

**2:40 pm – 3:00pm**

**Ms Irma Ferreira- Ampath**

Sequence variation of the amelogenin gene on the Y-chromosome in a black South African cohort

**3:00 pm – 3:40 pm**

**Dr Daniel Vanek-Director Forensics DNA Services, Prague**

Famous DNA lineages from the perspectives of archaeogenetics and genetic genealogy

**3:40pm – 4:00pm**

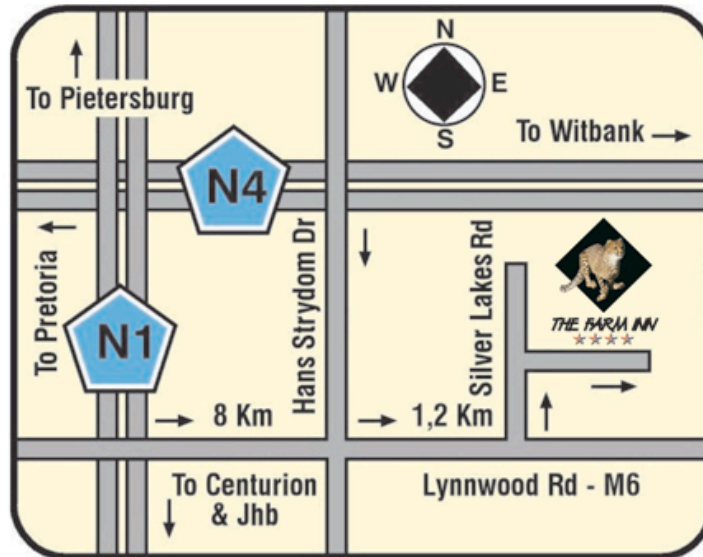
Q&A and Closing and word of thanks

**4:00 pm-5:00pm**

Tea

# THE FARM INN

## -MAP & DIRECTIONS-



From JOHANNESBURG

- \* Follow the Pretoria signs on the N3, then take the N1 North (Polokwane).
- \* Take the Lynnwood/CSIR off ramp & turn right at traffic lights.
- \* Follow Lynnwood (M6) until you get to Hans Strydom Drive
- \* After the intersection of Lynnwood Road & Hans Strydom,
- \* at the second traffic light turn left into Silverlakes Road - look out for The Farm Inn board.

From OR TAMBO AIRPORT

- \* Follow the R21 North for roughly 40 km, then take the N1 North (Polokwane).
- \* Take the Lynnwood Road/CSIR off-ramp & turn right at traffic lights.
- \* Follow Lynnwood (M6) until you get to Hans Strydom Drive
- \* After the intersection of Lynnwood Road & Hans Strydom,
- \* at the second traffic light turn left into Silverlakes Road - look out for The Farm Inn board

From WITBANK & NELSPRUIT

- \* Follow the N4 West.
- \* Take the Hans Strydom off-ramp.
- \* Turn left at the top of the off-ramp.
- \* Turn left into Lynnwood Road at the intersection of Lynnwood Road & Hans Strydom.
- \* At the second traffic light turn left into Silverlakes Road - look out for The Farm Inn board

From the NORTH

- \* Follow Zambesi Drive to the N1.
- \* Turn right onto the N1 (south).
- \* Follow the N1 to the Pretoria/Witbank (N4) Off ramp and take it East (left)
- \* Take the 4<sup>th</sup> off-ramp Hans Strydom
- \* Turn right at the top of the off-ramp
- \* Turn left into Lynnwood Road at the intersection of Lynnwood Road & Hans Strydom.
- \* At the second traffic light turn left into Silverlakes Road - look out for The Farm Inn board

GPS Co-ordinates:

S 25° 46.981

E 028° 22.177

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