

Africa forensic DNA school

Venue: Life Technologies Office, South Africa

Dates: 28 February - 11 March

9 May - 20 May

15 August - 26 August

14 November - 25 November

We warmly invite you to our Africa Forensic School, which will offer you an ideal opportunity to learn about the different steps of the Forensic DNA Analysis laboratory workflow. This two week long course will consist of a week long training and demonstration from a member of our experienced staff, as well as an expert from the Forensic Field. The second week you will have the opportunity to do all the steps by yourself on state of the art Applied Biosystems® equipment and chemistries.

Day 1: DNA Extraction

- Principle of the PrepFiler™ Forensic DNA Extraction chemistry
- Practical demonstration: Extracting samples using manual extraction
- Practical demonstration: Extracting samples using the Automate Express™ instrument.

Day 2: DNA Quantification

- Overview of the HID Real-time 7500 instrument, software and Quantifiler® chemistry
- Practical demonstration: Running the Quantifiler® Duo assay on the Real-time 7500 instrument
- Data analysis and interpretation.

Day 3: STR Amplification

- Introduction into Microsatellites
- AmpFISTR® PCR Amplification kit overview, development and validation
- Practical demonstration: Setting up and running the AmpFISTR® kit chemistries on the GeneAmp® PCR System 9700.

Day 4: Capillary electrophoresis

- Overview of the 3500 Genetic Analyzer instrument and Data Collection Software
- Practical demonstration: Calibration of the 3500 instrument
- Practical demonstration: Setting up of the instrument for capillary electrophoresis.

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Day 5: Data Analysis

- Overview of the GMID-X software and features
- Practical demonstration: Analysis of DNA profiles.

Day 6: Statistical calculation and results presentation

Presented by Lieutenant Colonel Anton Lucassen, Forensic Science Laboratory, South African Police Service

- Overview of basic theory behind statistical calculations
- Example of possible reporting of results
- Practical calculating of example profiles

Day 7 - 10: DNA Analysis workflow

Hands-on session running through the complete workflow with a Field Application Specialist to ensure participants are comfortable with the complete workflow and the data interpretation.

Cost

The cost of this 2 week course is \$2,000 per person which includes all the necessary reagents and consumables as well as all training material. Travel and accommodation costs are not included. Once attendance is confirmed a quotation will be issued and an order should be placed against this quotation.

Registration process

Spaces are limited so please register by email or fax at your earliest convenience.

Email registration

To register for one of the trainings, please send an email with your full contact details, the date of the training and the subject "Africa Forensic School 2011" to christa.swanepoel@lifetech.com

Fax registration

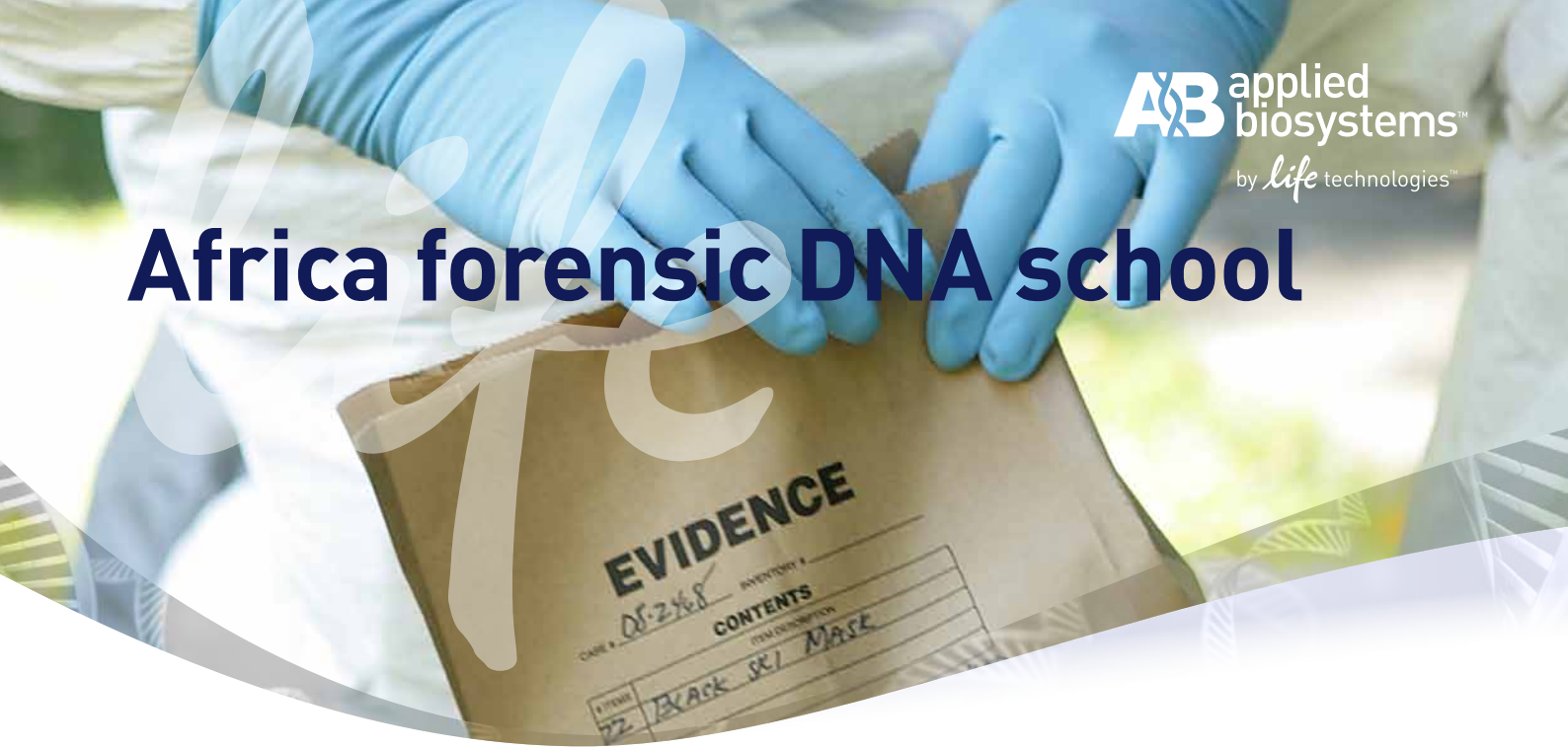
If you prefer to register by fax, please fill in the following fax-back sheet and return it to: +27 86 608 1518

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Yes, I would like to register for the African Forensic School

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Title (Prof, Dr, Ms, Mrs or Mr): _____ Male Female

First Name/Family Name: _____

Company/Organization: _____

Department: _____

Address: _____

Postcode/Zip: _____

City: _____

Country: _____

Telephone: _____ Fax: _____

Email: _____

I agree to be contacted by email

We promise that we will only use the information submitted herewith for internal purposes. This information will not be given or sold on to any third party organisations.

Date: _____ Place: _____

Signature: _____

For further questions related to this event, please contact:

Christa Swanepoel from Life Technologies

christa.swanepoel@lifetech.com

Tel. +27 83 272 2357

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