

## **Program Basic DNA Course (2-5 November 2015)**

### **2 November 2015 – Day 1**

Venue: CES - Colégio da Graça

- 10h-12h
- What is DNA, what types of DNA do we use in forensics and how is DNA inherited
  - What is a DNA-profile, how is it made and how is it stored
- 14h-16h:
- How do we calculate the evidential value of a DNA-profile
  - Types of DNA-profiles (full, partial, mixed)

### **3 November 2015 – Day 2**

Venue: CES - Colégio da Graça

- 10h-12h
- DNA-database management
  - Interaction with society (Education, Annual report, Website)
- 14h-16h:
- Familial searching
  - Determination of externally visible properties

### **4 November 2015 – Day 3**

Venue: CES – Colégio de São Jerónimo

- 09h-10h
- International comparison of DNA profiles
- 10h-11h
- Dealing with false positive and false negative matches
- 11h-12h
- Future developments (Rapid DNA-machines, Massive Parallel Sequencing, software to evaluate the evidential value of complex mixed profiles with possible allelic drop-ins and drop-outs)
- 14h-15h:
- Any remaining issues and questions

## **Additional information**

### Location of CES

#### **CES - Colégio de São Jerónimo**

Largo D. Dinis, Apartado 3087

3000-995 Coimbra, Portugal

Webpage: <http://www.ces.uc.pt/>

Link to the location of CES: <http://www.ces.uc.pt/contactos/localizacao.php>

#### **CES - Colégio da Graça**

Rua da Sofia, 9011

3000-389 Coimbra

(Portão verde, na Rua da Sofia, em frente ao Pingo Doce)

### Contacts

Pellegrino Cammino – 00 351 927 421 206;

[pellegrinocammino@ces.uc.pt](mailto:pellegrinocammino@ces.uc.pt)