Location: Hotel Hilton Slussen, Stockholm, Sweden

Time: September 8 - 11, 2010

**Wednesday, September 8th**

20.00  *Registration and get together at Hotel Hilton, Stockholm Slussen*
Thursday, September 9th am

8.30 Welcome and opening of the meeting

New Methods for Forensic Applications
Chaired by: Niels Morling & Marie Allen

08.45 Joakim Lundeberg
New technologies with forensic applications

09.30 Coffee

10.00 Hanna Edlund and Marie Allen
Analysis of DNA methylation for tissue identification

10.15 Maria Lembring and Marie Allen
DNA Tagging of Bank Notes for Cash in Transit Boxes or ATM Machines

10.30 Ignacio Quinones and Barbara Daniel
Properties and Applications of touch DNA

10.45 Jenny Welander, Gunilla Holmlund and Peter Söderkvist
A population database for high-density SNP array based kinship analysis

11.00 Ronny Decorte, Nancy Vanderheyden and Maarten Larmuseau
Y-STR analysis in forensic applications: lessons from genetic genealogy

11.15 Martina Nilsson, Stina Norlin and Marie Allen
Evaluation of mitochondrial DNA analysis of shed hairs in forensic casework

11.30 Stina Norlin, Martina Nilsson, Per Hedén and Marie Allen
Evaluation of the impact of different visualization techniques on DNA in fingerprints

11.45 Johannes Hedman, Charlotte Dufva, Anders Nordgaard, Birgitta Rasmusson, Ricky Ansell and Peter Rådström
Combating PCR inhibition by blending alternative DNA polymerases

12.00 Lunch
Thursday, September 9th pm

Disaster Victim Identification (DVI) in an international context
Chaired by: Lotte Henke & Antti Sajantila

13.00 Derek Forest
Experiences from international DVI operations

13.45 Bo Thisted Simonsen
Preparations for a DVI-situation

14.00 Victoria Moore and Jim Thomson
The Fromelles War Graves Project: Identification of skeletal remains from WW I

Comparative study of different body remains from the Fromelles World War I mass graves and the influence of location within the mass grave

14.30 Coffee

15.00 Kerstin Montelius
Some thresholds in DNA DVI work

15.15 Kristen E. Lewis, Ph.D., Erica Butts, M.S., John M. Butler, Ph.D., and Peter M. Vallone, Ph.D.
Evaluating the Effect of Additional Forensic Loci on Likelihood Ratio Values for Complex Kinship Analysis

15.30 C.J. van Dongen, K. Slooten, M. Slagter, W. Burgers and W. Wiegerinck
Application of software based on Bayesian networks in DNA disaster victim identification

Suppliers corner

16.00 Promega: Laura Bimbashi
PowerPlex ESX and ESI Systems-STR Profiling According to the New European Standards

16.20 Quiagen: Pieter van Oers
The QIAGEN Investigator ESSplex Kit – meeting the new European Loci requirements

16.40 Applied Biosystems: Yogesh Prasad
News on STR kits and extraction.

18.00 Dinner at the restaurant “1900” at 18.30
Friday, September 10th am

Genetics in forensic medicine and forensic genetics in medicine
Chaired by: Margurethe Stenersen & Bo T Simonsen

08.30 Anders Lindström
Forensic entomology

09.15 Anna Stenius, Josefina Berntsson, Jonny Kumlin, Anders Lindström and Gunilla Holmlund
Molecular genetic species determination of forensically important Diptera

09.30 Coffee

10.00 Antti Sajantila
Postmortem pharmacogenetics – current status and medico-legal aspects

10.45 Anu Neuvonen, Anu M. Neuvonen, Jukka U. Palo and Antti Sajantila
Post-mortem MDR1 genotyping reveals an elevated toxicity for female digoxin users

11.00 Anna-Lena Zackrisson, Bertil Lindblom and Johan Ahlner
Pharmacogenetics from a Forensic Perspective

11.15 Kerstin Montelius, Joar Svanvik and Bertil Lindblom
DNA-identification of tumour origin in transplanted patients

11.30 Johan Ahlner, Anna-Lena Zackrisson, Bertil Lindblom and Fredrik Kugelberg
The application of genetics in forensic toxicology and forensic medicine

12.00 Lunch
**English Speaking Working Group (ESWG)**
*International Society of Forensic Genetics (ISFG)*
8 – 11 September 2010, Stockholm, Sweden

**Friday, September 10th pm**

**Statistics in forensic and kinship analysis**

Chaired by: *Peter de Knijff & Denise Syndercombe Court*

13.00  *Peter de Knijff*  
Power and problems of next-generation-genomics technology: Forensic and kinship applications

13.45  *Andrea Constantinescu, Georgiana Girbea, Elena Neagu, Carmen Constantinescu, Ligia Barbari and Dan Dermengiu*  
Reliable results in biological relationship testing accompanied by mutational events-case report

14.00  *Flóra Fodor, Balázs Egyed, Melinda Szőke, Zoltán Kormos, János Woller and Zsolt Pádár*  
Observed frequencies of variant STR alleles in the Hungarian offender DNA database

14.15  *Daniel Kling, Jenny Welander, Andreas Tillmar, Øivind Skare, Thore Egeland and Gunilla Holmlund*  
DNA micro array as a tool in establishing genetic relatedness, Current status and future prospects

14.30  Coffee

15.00  *Thore Egeland*  
Linked genes and linkage disequilibrium

13.45  *Andreas O. Tillmar*  
Linked markers on the X-chromosome

16.00  *Anders Nordgaard*  
The forensic DNA profile index - a tool for comparison of electropherograms

16.30  Refreshments

16.15  *Claus Børsting*  
Experiences of SNP analyses in forensic cases

16.45  *Kristen E. Lewis, Ph.D., Carolyn R. Hill, M.S., Peter M. Vallone, Ph.D. and John M. Butler, Ph.D.*  
Statistical Consequences of Linkage between D1S391 and vWA in U.S Paternity Samples

17.00  ESWG-meeting
Saturday, September 11th am

Chaired by: Gunilla Holmlund & Jim Thomson

Ancient DNA

8.45 Marie Allen
Lessons learned in analysis of DNA from historical Kings and Saints

9.30 Coffee

10.00 Anders Götherström
Artifacts as facts and the usage of massive parallel sequencing to retrieve specific ancient sequences

Quality programs

10.45 Susanne L. Friis, Charlotte Hallenberg, Bo T. Simonsen and Niels Morling
Result of the 2010 Relationship testing Workshop of the English Speaking Working Group

11.15 Kerstin Montelius, Andreas Tillmar, Birgitta Eriksson, Gunilla Holmlund and Bertil Lindblom
A Swedish mock case reflecting reunion cases from the Swedish Migration Board

Future Perspectives

11.30 Niels Morling
Future Perspectives in Forensic Genetics

12.15 Closure of the meeting