

THE 28th CONGRESS OF THE INTERNATIONAL SOCIETY FOR FORENSIC GENETICS

9 - 13th SEPTEMBER 2019, PRAGUE, CZECH REPUBLIC, PRAGUE CONGRESS CENTRE



PRE-CONGRESS WORKSHOP

HW4 – Forensic Mitochondrial DNA analysis: Alignment and interpretation using the EMPOP database

Organiser: Walther Parson

Type: Half Day Workshop, Hands-on

Date & Time: Monday, 9 September (14:00-18:00)

This is a practical workshop using EMPOP tools to better understand the mitochondrial phylogeny in the context of

- database queries for frequency estimations
- retrieving statistical information on common and rare haplotypes
- forensic reporting of mtDNA data
- searching and interpreting point and length heteroplasmy
- estimating the haplogroup status of an mtDNA sequence
- interpreting geographic distribution of haplotypes and haplogroups

We try to make the workshop as practical as possible and present/discuss forensic examples. You are invited to contribute to the workshop by bringing your own mtDNA sequences. These can involve haplotypes from research projects, from practical forensic work or your own mtDNA. Also feel free to bring challenging haplotypes that you would like to have discussed at the workshop.

You can bring your own laptop but it is not necessary! In case you plan to use your own laptop, please make sure you are a registered EMPOP user (via <https://empop.online>).

Please send questions that you may have also before the meeting to walther.parson@gmail.com

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