

THE 28th CONGRESS OF THE INTERNATIONAL SOCIETY FOR FORENSIC GENETICS

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



PRE-CONGRESS WORKSHOP

HW1 – NGS Workflows for Forensic Genetics

Organiser: Pete Vallone

Type: Half Day Workshop, Lecture

Date & Time: Monday, 9 September (9:00-13:00)

This workshop aims to review and explore the details of various NGS/MPS sequencing methods. Common sequencing methods and platforms that may be applied to forensic genetic analyses will be discussed. The laboratory workflow steps involved in library preparation and their specific purposes will be presented. Examples of the process will be illustrated through forensically-relevant workflows for the sequencing of STRs, SNPs and the mitochondrial genome. Examination of the resulting sequence data will be demonstrated by the instructor using open source and commercial software tools.

This workshop is intended as an introduction to those attendees interested in the basic and practical aspects of carrying out sequencing experiments and considerations in adopting this method of genetic analysis in their laboratory. Questions related to the scope of the workshop can be directed to the instructor (peter.vallone@nist.gov)

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