



iSFG

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30th

CONGRESS OF THE INTERNATIONAL
SOCIETY FOR FORENSIC GENETICS

SANTIAGO DE COMPOSTELA
9-13 SEPTEMBER 2024

PROGRAM AT A GLANCE



www.isfg2024.com

9:00 - 10:30 Auditorio Carlos	Pre- Congres Workshop: Forensic Genetics Genealogy Basic Session Speakers: <i>Daniel Kling & Andreas Tillmar</i>
Columnas Hall	Pre- Congress Workshop: Body Fluid Identification Speakers: <i>Titia Sijen & Cordula Haas & Margreet van den Berge</i>
Cimabue Hall	Pre- Congres Workshop: Mixture Interpretation Basic Session Speakers: <i>Peter Gill & Øyvind Bleka & Corina Benschop & Helen Johannessen</i>
Bodega Hall	Pre- Congress Workshop: mtDNA Speakers: <i>Walther Parson & Charla Marshall</i>
10:30 - 11:00 Claustro de la Fuente	Coffee Break
11:00 - 13:00 Auditorio Carlos	Pre- Congres Workshop: Forensic Genetics Genealogy Basic Session (continuation) Speakers: <i>Daniel Kling & Andreas Tillmar</i>
Columnas Hall	Pre- Congress Workshop: Body Fluid Identification (continuation) Speakers: <i>Titia Sijen & Cordula Haas & Margreet van den Berge</i>
Cimabue Hall	Pre- Congres Workshop: Mixture Interpretation Basic Session (continuation) Speakers: <i>Peter Gill & Øyvind Bleka & Corina Benschop & Helen Johannessen</i>
Bodega Hall	Pre- Congress Workshop: mtDNA (continuation) Speakers: <i>Walther Parson & Charla Marshall</i>
13:00 - 14:30	OFF-SITE Lunch Break
14:30 - 16:30 Auditorio Carlos	Pre- Congres Workshop: Forensic Genetics Genealogy Advanced session Speakers: <i>Daniel Kling & Andreas Tillmar</i>
Columnas Hall	Pre- Congress Workshop: Forensic Database Advisory Board and Ethical Considerations for Forensic Genetic Frequency Databases Speaker: <i>Martin Zieger & Maria Eugenia D'Amato & Yann Joly & Vanessa Lynch & Nathan Scudder</i>
Cimabue Hall	Pre- Congres Workshop: Mixture Interpretation advanced session Speakers: <i>Peter Gill & Øyvind Bleka & Corina Benschop</i>
Bodega Hall	Pre- Congress Workshop: Disaster Victim Identification Speakers: <i>Carlos Vullo & Lourdes Prieto</i>
16:30 - 17:00 Claustro de la Fuente	Coffee Break
17:00 - 18:30 Auditorio Carlos	Pre- Congres Workshop: Forensic Genetics Genealogy Advanced session (continuation) Speakers: <i>Daniel Kling & Andreas Tillmar</i>
Columnas Hall	Pre- Congress Workshop: Forensic Database Advisory Board and Ethical Considerations for Forensic Genetic Frequency Databases (continuation) Speaker: <i>Martin Zieger & Maria Eugenia D'Amato & Yann Joly & Vanessa Lynch & Nathan Scudder</i>
Cimabue Hall	Pre- Congres Workshop: Mixture Interpretation advanced session (continuation) Speakers: <i>Peter Gill & Øyvind Bleka & Corina Benschop</i>
Bodega Hall	Pre- Congress Workshop: Disaster Victim Identification (continuation) Speakers: <i>Carlos Vullo & Lourdes Prieto</i>

9:00 - 10:30 Auditorio Carlos	Pre- Congres Workshop: Bioinformatics MPS Basic session Speakers: Jerry Hoogenboom & Jonathan King
Columnas Hall	Pre- Congress Workshop: Y-Chromosome Analysis and Statistics Speakers: Lutz Roewer & Sascha Willuweit
Cimabue Hall	Pre- Congres Workshop: Kinship Statistics and Pedigree Analysis Basic session Speakers: Thore Egeland & Magnus Vigeland
Bodega Hall	Pre- Congress Workshop: Ancestry/ Appearance & Phenotyping Speakers: Antonia Heidegger & Catarina Xavier
10:30 - 11:0 Claustro de la Fuente	Coffee Break
11:00 - 13:00 Auditorio Carlos	Pre- Congres Workshop: Bioinformatics MPS Basic session (continuation) Speakers: Jerry Hoogenboom & Jonathan King
Columnas Hall	Pre- Congress Workshop: Y-Chromosome Analysis and Statistics (continuation) Speakers: Lutz Roewer & Sascha Willuweit
Cimabue Hall	Pre- Congres Workshop: Kinship Statistics and Pedigree Analysis Basic session (continuation) Speakers: Thore Egeland & Magnus Vigeland
Bodega Hall	Pre- Congress Workshop: Ancestry/ Appearance & Phenotyping (continuation) Speakers: Antonia Heidegger & Catarina Xavier
13:00 - 14:30	OFF-SITE Lunch Break
14:30 - 16:30 Auditorio Carlos	Pre- Congres Workshop: Bioinformatics MPS Advanced session Speakers: Jerry Hoogenboom & Jonathan King
Columnas Hall	Pre- Congress Workshop: Y-Chromosome interpretation: extended/new methodologies on Y-SNPs and Y-STRs Speakers: Arwin Ralf & Sofie Claerhout
Cimabue Hall	Pre- Congres Workshop: Kinship Statistics and Pedigree Analysis Advanced session Speakers: Thore Egeland & Magnus Vigeland
Bodega Hall	Pre- Congress Workshop: Activity Level Evaluative Reporting Speakers: Bas Kokshoorn, Yvonne van de Wal, Bart Aarts
16:30 - 17:00 Claustro de la Fuente	Coffee Break
17:00 - 18:30 Auditorio Carlos	Pre- Congres Workshop: Bioinformatics MPS Advanced session (continuation) Speakers: Jerry Hoogenboom & Jonathan King
Columnas Hall	Pre- Congress Workshop: Y-Chromosome interpretation: extended/new methodologies on Y-SNPs and Y-STRs (continuation) Speakers: Arwin Ralf & Sofie Claerhout
Cimabue Hall	Pre- Congres Workshop: Kinship Statistics and Pedigree Analysis Advanced session (continuation) Speakers: Thore Egeland & Magnus Vigeland
Bodega Hall	Pre- Congress Workshop: Activity Level Evaluative Reporting (continuation) Speakers: Bas Kokshoorn, Yvonne van de Wal, Bart Aarts
16:30-17:30 Auditorio de Galicia Sala Ovalo	Editorial Board Meeting
19:00-20:00 Auditorio	Opening Ceremony
20:00-21:30 Exhib. Area 1&2	Welcome Reception

8:30 - 10:15 Auditorium	NEW TECHNOLOGIES
	<p>Charla Marshall (USA) <i>Plenary Lecture</i></p> <p>Adam Staadig (Sweden) <i>Advancing Forensic Genetics with Ancient DNA Techniques: Comparative Assessment of Three SNP Genotyping Approaches</i></p> <p>Catarina Xavier (Portugal) <i>Challenging the performance of the FORCE hybridization capture assay with difficult samples</i></p> <p>Bethany Forsythe (Netherlands) <i>Leveraging mid-density SNP panels to aid in the large-scale identification of the missing in Vietnam</i></p> <p>Elena Zavala (USA) <i>Impact of DNA Degradation on the Accuracy of Probabilistic Genotyping and Imputation of SNPs</i></p>
10:15 - 11:45	Exhibition Hall 1&2 Coffee Break/ Poster Session
11:45 - 13:00 Auditorium	<p>Ane Elida Fonnelløp (Norway) <i>Enhancing Forensic Investigations: Development of a Multiplex PCR Method with 12 Markers for Estimating the Time Since Deposition of Blood Stains</i></p> <p>Ye-Lim Kwon (South Korea) <i>Denoising of microhaplotype MPS by computational correction and its application to mixed DNA analysis</i></p> <p>Daniele Podini (USA) <i>Progress of the Microhaplotype Working Group towards the selection of a consensus core set of loci for forensic use.</i></p> <p>Katherine Gettings (USA) <i>Recommendations of the ISFG DNA Commission on STR Sequence Nomenclature and Challenges with Implementation</i></p> <p>Peter Vallone (USA) <i>NIST Research Grade Test Materials: A New Collaborative Effort to Address Measurement Challenges</i></p> <p>Discussion session</p>
13:00 - 14:30	Exhibition Hall 1&2 Lunch Break
Mozart Hall	Industry Sponsored Session: ThermoFisher
14:30 - 15:45 Auditorium	NEW TECHNOLOGIES/ HUMAN IDENTIFICATION
	<p>Kaitlin Huffman (USA) <i>Micromanipulated single cell subsampling, genetic analysis and probabilistic genotyping for complex mixture deconvolution</i></p> <p>Emily Bibbo (Australia) <i>Air DNA Forensics: A potential new tool in an investigator's kit</i></p> <p>Marie Anne Raj Antony Dass (Australia) <i>Advancing forensic investigations in aquatic environments through environmental DNA (eDNA) analysis</i></p> <p>Meghna Swayambhu (Switzerland) <i>Exploring the potential of FORMics: "Forensic microbiome and metabolomics-based" approach for body fluid identification</i></p> <p>Erik Francisco Bergseth (Norway) <i>Forensic Genetics in Historical Context: Identifying 1742 Murder Suspects</i></p> <p>Johannes Hedman (Sweden) <i>Applying hyperplex PCR for mRNA-based cell type identification</i></p>
15:45 - 16:45	Exhibition Hall 1&2 Coffee Break/ Poster Session
16:45 - 17:45 Auditorium	HUMAN IDENTIFICATION
	<p>Klaas Slooten (Netherlands) <i>Distinguishing between monozygotic twins in a victim-perpetrator DNA mixture</i></p> <p>Mirna Ghemrawi (USA) <i>OneShot: Developing a novel methodology for simultaneous genetic and epigenetic sequencing for forensic applications</i></p> <p>Wojciech Branicki (Poland) <i>DNA methylation in the AHRR gene can accurately identify tobacco smokers and may also be useful in predicting other lifestyle behaviours of a perpetrator</i></p> <p>Dr. Magnus Dehli Vigeland (Norway) <i>DIVIANA: A free, user-friendly app for complex DVI cases</i></p> <p>David Ballard (UK) <i>Comparison of forensically relevant large scale SNP panels for complex kinship analysis</i></p>
18:15-19:15	Multiple locations Working groups

8:30 - 10:20 Auditorium	POPULATION GENETICS/ FORENSIC DNA PHENOTYPING	
<p>María Martinón (Spain) Plenary Lecture</p> <p>Serena Aneli (Italy) <i>Optimizing Ancestry Informative Markers selection for inferring biogeographical origin of migrant victims along the Central Mediterranean route</i></p> <p>Heleen Coreelman (Belgium) <i>From familial haplotype to evolutionary haplogroup: Are haplogroup predictions based on Y-chromosomal short tandem repeats accurate enough to identify biogeographical</i></p> <p>Carola Sophia Heinzl (Germany) <i>Classification in Biogeographical Analysis: When Does it Make Sense and What are the Alternatives?</i></p> <p>Franziska Wilke (USA) <i>Face-ing the Unknown: 3D Facial Prediction for Forensic Identification</i></p> <p>Maria Wróbel (Poland) <i>Towards DNA-based prediction of facial appearance - identification of novel loci shaping facial morphology</i></p>		
10:20 - 11:30	Exhibition Hall 1&2	Coffee Break/ Poster Session
11:30 - 13:00 Auditorium	FORENSIC DNA PHENOTYPING	
<p>Manel Esteller (Spain) Plenary Lecture</p> <p>Laura Schmelzer (Germany) <i>Evaluation of DNA methylation sites neighboring STRs and iSNPs for potential body fluid determination and contributor assignment</i></p> <p>Ewelina Pośpiech (Poland) <i>Analysis of genetic and epigenetic data to infer an individual's perceived age</i></p>		
13:00 - 14:30	Exhibition Hall 1&2	Lunch Break
Auditorium	Industry Sponsored Session: Promega	
14:30 - 15:30 Auditorium	FORENSIC DNA PHENOTYPING	
<p>Wenting Zhao (China) <i>Genetic prediction model of male-pattern hair loss based on DNA variants</i></p> <p>Bo Min Kim (South Korea) <i>DNA methylation-based organ tissue identification: marker identification, SNaPshot multiplex assay development, and interlaboratory comparison</i></p> <p>Katja Anslinger (Germany) <i>"Barcoding" the phenotype with PhenoTrivium+ Panel. A novel MPS assay for enhancing forensic DNA phenotyping of single cells</i></p> <p>Miguel Boullón-Cassau (Spain) <i>Exploring legal age estimation using DNA methylation</i></p> <p>Susan Walsh (USA) <i>Towards quantitative eye color prediction from DNA using biometrically secure visual iris images</i></p>		
15:30 - 16:00	Exhibition Hall 1&2	Coffee Break
16:00 - 17:30 Auditorium	SPECIAL SESSION: PETER SCHNEIDER MEMORIAL	
16:00- 16:15 In Memoriam		
Ángel Carracedo (Spain) / John Butler (USA)		
16:15-17:30 Round Table on DNA Transfer		
Peter Gill (Norway) (Chair)		
Bas Kokshoorn (Netherlands)		
Mariya Goray (Australia)		
Q&A discussion		
18:00-19:30	General Assembly	

8:30 - 10:15 Auditorium	STATISTICS AND INTERPRETATION	
	<p>Duncan Taylor (Australia) Plenary Lecture Mikkel Meyer Andersen (Denmark) <i>Likelihood ratio calculations based on sequencing error analysis of shotgun sequencing data and dynamic SNP marker sets for human identification</i></p> <p>Yuhan Hu (China) <i>Predicting the LR value of the mixed DNA profile using random forest regression for database searching</i></p> <p>S�everine Nozownik (Switzerland) <i>Searching national DNA databases with complex DNA profiles: an empirical study using probabilistic genotyping</i></p> <p>Charles Brenner (USA) <i>Mixtures and Baskerville data - what isn't there can exonerate</i></p> <p>Jerry Hoogenboom (Netherlands) <i>The Best of Everything: Modularizing and Combining Statistical Methods Into the Ultimate Forensic-Genetic Statistics Toolbox</i></p> <p>Michael Nothnagel (Germany) <i>SMapper: Visualising spatial prevalence data while accounting for data sparseness and incompleteness</i></p>	
15:40 - 16:25	Exhibition Hall 1&2	Coffee Break/ Poster Session
11:30 - 12:45 Auditorium	<p>Marielle Vennemann (Germany) <i>TrACE: An Expert-Driven Proficiency Test for Forensic Genetics and Genomics</i></p> <p>Zehra K�oksal (Denmark) <i>PHYLOIMPUTE - Impute missing data on non-recombining DNA using SNP phylogeny</i></p> <p>Marisa Faustino (Portugal) <i>The Challenge of X Chromosome Aneuploidies in Kinship Analyses</i></p> <p>Lydie Samie (Switzerland) <i>Evaluation of DNA results considering activities: practical challenges</i></p> <p>Jeppe Dyrberg Andersen (Denmark) <i>Whole transcriptome sequencing and investigative genetic genealogy - Is it possible?</i></p> <p>Nathan Scudder (Australia) <i>Driving policy and engagement through an International Roundtable for Forensic Investigative Genetic Genealogy</i></p>	
12:45 - 14:30	Exhibition Hall 1&2	Lunch Break
Mozart Hall	Industry Sponsored Session: Nimagen	
14:30 - 15:40 Auditorium	GENETIC GENEALOGY	
	<p>Andreas Tillmar (Sweden) Plenary Lecture Monika Stoljarova-Bibb (Estonia) <i>Getting intelligence with Kintelligence: analysis of known pedigrees and progress report on ongoing cases</i></p> <p>Jessica Watson (Australia) <i>Analysing the Impact of Information Loss on Kinship Analysis with the ForenSeq® Kintelligence Kit</i></p>	
10:30 - 11:30	Exhibition Hall 1&2	Coffee Break
16:25 - 17:15 Auditorium	ETHICS	
	<p>Vanessa Lynch (South Africa) <i>Disclosure of Biological Sex May Impact Gender and Other Privacy Concerns</i></p> <p>Martin Zieger (Switzerland) <i>Dealing with incidental findings in Forensic Genetics</i></p> <p>Carlo Robino (Italy) <i>Ethical Standards in Forensic Population Genetics - A Systematic Review of Forensic Science International: Genetics Publications</i></p> <p>Martin Bodner (Austria) <i>Informed consent for forensic population studies: a call for harmonization</i></p>	
17:15 - 17:30 Auditorium	Closing ceremony	
	SOCIAL EVENT	
20:30	Gala Dinner	Venue: Parador de Santiago de Compostela Address: Praza do Obradoiro, 1
23:30	After Party	Venue: WAY CLUB Address: R�ua Nova 13

PROGRAM AT A GLANCE

Opening hours

Documentation delivery of the congress will start on September 10, from 13:00 at 20:30 h. at the Congress Venue.

Date	Congress Secretariat	Commercial Exhibiton
Tuesday 10 th September	13:00 - 20:30	18:00 - 20:30
Wednesday 11 st September	08:00 - 19:00	08:00 - 19:00
Thursday 12 nd September	08:00 - 19:00	08:00 - 19:00
Friday 13 rd September	08:00 - 17:00	08:00 - 17:00

Speakers' Ready Room hours

All Invited Speakers and Oral Presentation Presenters must check in with their presentation on a USB Memory stick with the technician at the Speakers' Ready Room.

Date	Speakers' Ready Room
Tuesday 10 th September	18:00 - 20:30
Wednesday 11 st September	08:00 - 19:00
Thursday 12 nd September	08:00 - 19:00
Friday 13 rd September	08:00 - 17:00

Scientific Session times

11 th September	12 th September	13 th September
08:30 - 10:15	08:30 - 10:20	08:30 - 10:30
11:45 - 13:00	11:30 - 13:00	11:30 - 12:45
14:30 - 15:30	14:30 - 15:30	14:30 - 15:40
16:45 - 17:45	16:00 - 17:30	16:25 - 17:15

Coffee Break and Lunch hours

11 th September	12 th September	13 th September
10:15 - 11:45 - Coffee Break	10:20 - 11:30 - Coffee Break	10:30 - 11:30 - Coffee Break
13:00 - 14:30 - Lunch Break	13:00 - 14:30 - Lunch Break	12:45 - 14:30 - Lunch Break
15:45 - 16:45 - Coffee Break	15:30 - 16:00 - Coffee Break	15:40 - 16:25 - Coffee Break

Social Events

10 th September, 19:00	Opening Ceremony & Welcome Reception	At the Congress Venue (Auditorio de Galicia)
13 th September, 20:30	Congress Gala Dinner (ticketed)	At the Parador de Santiago de Compostela
13 th September, 23:30	Congress After Party (ticketed)	At the Way Club

Poster Presentations Session

11 th September - Session 1 10:15 - 11:45	11 th September - Session 2 15:45 - 16:45	12 th September - Session 3 10:20 - 11:30	13 th September - Session 4 10:30 - 11:30
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Congress WiFi



Network: **ISFG**

Password: **isfg2024**



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