

NIST 2017 Technical Colloquium on Weight of Evidence

The theme of the 2017 NIST Technical Colloquium on Weight of Evidence is Defining, Collecting and Understanding. The goal of the Colloquium is to get stakeholders across forensic science to think about ways to transform from reporting a “match/no match” to statements that integrate error and uncertainty.

The first day is about defining the weight of evidence - what it means, and how to quantify it. The second day is about collecting and will cover data and its use and analysis within forensic science. The third day is about understanding and will focus on how to communicate and report forensic examination findings.

TECHNICAL COLLOQUIUM
WEIGHT OF EVIDENCE
JUNE 27-29, 2017 • NIST GAITHERSBURG



Email us your comments or suggestions at tc.forensicweightofevidence@nist.gov

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#NISTWOE



Quantifying the Weight of Forensic Evidence June 27-29, 2017

NIST

Day 1:: Defining the WoE

8:30-8:45	Welcome Remarks, Richard Cavanagh, NIST
8:45-9:35	Interpretation, A Personal Odyssey, Christophe Champod, University of Lausanne and Ian Evett, Principal Forensic Services
9:35-10:00	Q&A
10:00-10:30	Break
10:30-10:45	Interactive question session 1 Shannan Williams, NIST
10:45-12:00	What is WoE, Panel Discussion and Q&A Doug Reynolds (moderator), MIT Lincoln Lab Christophe Champod, Univ. of Lausanne Charles Berger, NFI Simone Gittelson, NIST Chris Saunders, South Dakota State Univ. Anjali Mazumder, CMU
12:00-12:30	Statistical challenges in Quantifying the Weight of Evidence: Measurement, Databases, Competing Propositions and Multiple Sources, Anjali Mazumder, CMU
12:30-13:45	Lunch (on your own)
13:45-14:00	Interactive question session 2, Will Guthrie, NIST
14:00-14:40	Weight of Evidence, A Dutch Experience, Charles Berger, Netherlands Forensic Institute
14:40-15:50	Quantifying WoE, Panel Discussion and Q&A Will Guthrie (moderator), NIST Charles Berger, Netherlands Forensic Institute Cedric Neumann, South Dakota State University Daniel Ramos, Universidad Autonoma de Madrid Steven Lund, NIST
15:50-16:00	Break
16:00-17:15	Validation and Inter-laboratory testing, Panel Discussion and Q&A Sheila Willis (moderator), Forensic Science Ireland Ruth Corzo, Florida International University Tricia Hoffman, Florida International Univ. Michael Coble, NIST Geoffrey Stewart Morrison, Aston University
18:30-20:00	Social Event (sign up your name by 10 am)

Day 2 :: Collecting for WoE

8:30-8:50	Wrap-up of Day 1, Larry Tang, NIST
8:50-9:10	The role of data in evaluation of forensic evidence, Melissa Taylor, NIST
9:10-9:50	Fostering innovation and knowledge development with reference collections, Stephen Sherry, National Center for Biotechnology Information
9:50-10:15	Q&A
10:15-10:45	Break
10:45-12:30	Data for Forensics: Reliability, Reproducibility and Repeatability, Panel Discussion and Q&A Alan Zheng (moderator), NIST Christophe Champod, University of Lausanne Charles Berger, NFI Toni Roberts, Federal Bureau of Investigation Jonathon Philips, NIST
12:30-14:00	Lunch (on your own)
14:00-14:15	Interactive Question Session 3 Melissa Taylor, NIST
14:15-15:30	Population Statistics, Panel Discussion and Q&A Melissa Taylor (moderator), NIST Simone Gittelson, National Institute of Standards and Technology Geoffrey Stewart Morrison, Aston University Mike Smith, Federal Bureau of Investigation
15:30-15:45	Break
15:45-17:00	Method Evaluation, Panel Discussion and Q&A Elham Tabassi (moderator), NIST Doug Reynolds, MIT Lincoln Laboratory Niko Brummer, AGNITIO Daniel Ramos, Universidad Autonoma de Madrid Graham Jackson, University of Abertay Dundee
17:00	DAY 2 END

Day 3 :: Understanding the WoE

8:30-8:45	Interactive Question, Sue Ballou, NIST
8:45-9:15	Communicating the Results of Forensic Science Examinations, Graham Jackson, University of Abertay Dundee
9:15-9:45	What should a forensic scientist's likelihood ratio be?, Geoffrey Stewart Morrison, Aston University
9:45-10:00	Q&A
10:00-10:20	Break
10:20-10:50	Lay Understanding of Forensic Science, Bill Thompson, University of California, Irvine
10:50-11:20	Jury Understanding of Statistics, Cedric Neumann, South Dakota State University
11:20-12:00	Moderated Discussion with presenters and audience, Sue Ballou, NIST
12:00-12:30	Closing remarks, Elham Tabassi, NIST
12:30	END OF COLLOQUIUM