

BOOKING FORM

Name	
Organisation	
Position held	
Address	
Tel:	Fax:
E-mail	
Membership Number (If applicable)	
Is accommodation required? Please tick	Friday Night <input type="checkbox"/> Saturday Night <input type="checkbox"/>
Vehicle Registration	

THE FINGERPRINT SOCIETY

Richard Case
C/O Greater Manchester Police
Forensic Identification Services
Bradford Park Complex
Clayton
MANCHESTER
M11 4AA

Enquiries to:
E-Mail: conference@fpsociety.org.uk

BOOKING DETAILS

Cost	
Members	£30
Non-Members	£70

- This seminar would prove beneficial to all persons who evaluate finger impressions, including laboratory staff and CSI's.
- Please complete details on the booking form provided and return by post to the address at the bottom of the form.
- All cheques to be made payable to "The Fingerprint Society".
- Non-Members attendance is subject to availability and approval by the committee.
- En-suite accommodation available for under £50 per night.

SUPPORTED BY



THE FINGERPRINT SOCIETY
AUTUMN SEMINAR 2007

Fingerprints on the Brain



SATURDAY 10TH NOVEMBER 2007

SEDGLEY PARK
MANCHESTER

ORGANISED BY



GREATER
MANCHESTER
POLICE

Speakers



Dr. Itiel Dror

(PhD, Harvard University, USA)

Dr Dror's research into biometrics includes a set of studies that focuses on expert cognition and decision making, examining a whole range of issues, such as how time pressure affects taking risky decisions, contextual influences, and training experts for enhanced decision quality. Experts from a variety of domains are used in his studies, including from the forensic and biometric domain. For details on his work in this specific domain, see: www.ecs.soton.ac.uk/~id/biometrics.html .



David Charlton

(Ug Dip FFS RFP)

Dave provides a bridge between the professional domain of fingerprint examination and the academic world of cognitive sciences. He has 'one foot' in the fingerprint domain that includes over 20 years work as a Nationally Registered Fingerprint Expert and Fully trained CSI in the Metropolitan Police, PITO, and Sussex Police. He is Registered with the Council for Forensic Practitioners (CRFP), and has an Undergraduate Diploma from Kings College University of London (Fingerprint Science and Crime Scene Examination). David Charlton has served in a variety of positions in the fingerprint domain, including being the Editor of Fingerprint Whorld (Fingerprint Society educational journal), and he regularly gives lectures and is involved in national and international activities in this area. For more details, see: www.david.charlton97.btinternet.co.uk

FURTHER DETAILS CAN BE FOUND ON :

www.fpsociety.org.uk/conference

Topic

In expert domains, as well as in every day life, humans process information. Information is perceived, encoded, represented, transformed, stored, retrieved and compared to other information, then evaluated, and assessed, to name just a few processes. The human mind is not a camera and we do not passively process information. We actively construct and experience reality, thus we do not perceive the environment as 'it really is'. *Perception is far from perfection.* We engage in a variety of processes that organise and impose structure on the information as it comes in from the external world. Information is then further interpreted and processed in ways that highly depend on the human mind and cognition, and less on the actual content of the information itself. As we dynamically process information, we affect what we see, how we interpret and evaluate it, and our decision making process.

Thus, to mediate expert performance and how different factors may affect their work, especially in a highly specialised domain such as fingerprints, one needs to take into account the role of the human mind and cognition. The workshop will introduce some of the principles and constraints of the human brain and cognitive system. These will be explained and demonstrated, and related to the work of fingerprint examiners. Specific research relating to fingerprint examiners will be used to uncover some of the issues involved in the examination of visual patterns such as fingerprints. The workshop will include hands on experience, and will provide an opportunity to ask questions, discuss, and debate issues arising from this research.



Cognitive Consultants International Ltd

Programme

9:30	Coffee
10:00	Opening remarks
10:15	The human brain and the architecture of cognition: System configuration, capacity, limits, and mechanisms
11:30	Coffee break
11:45	Expert decision making
1:00	Lunch
2:00	What does fingerprint examination have to do with human cognition?
3:15	Coffee break
3:30	Studies on cognitive processes and fingerprint examiners: What they suggest and what they mean
4:45	Closing remarks
5:00	End of seminar

Timings are approximated and may be subject to change.