

Einladung zu einem Vortrag im Kolloquium des  
Instituts für Psychologie

**Dr. Itiel Dror**

University College London



**Bias in Expert Decision Making:  
The Use and Abuse of Science in the  
Court**

4. Dezember, 2019

16.00h, Hörsaal

Institut für Psychologie,  
Kaiser-Karl-Ring 9, 53111 Bonn

**Institutskolloquium:**  
December 4<sup>th</sup> & 5<sup>th</sup>, 2019  
Bias in Expert Decision Making:  
The Use and Abuse of Science in the Court

**December 4th. Talk**

16.00 – 18.00 Bias in Expert Decision Making: The Use and Abuse of Science in the Court Hörsaal

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**December 5th. Expert Meeting**

10.00 – 12.00 Contamination of expert statements - a problem in forensic psychology? If so, what can we do about it Seminar-  
raum 1

**Abstract:**

In many domains experts are called upon to provide research and analysis. Their expert judgment and decision making is often regarded as error-free, or at least as being objective and impartial. Drawing from the legal domain, I will present research and evidence from real casework that many different types of psychological contaminations affect even scientific experts. Experts evidence can be highly impacted (and distorted) by irrelevant contextual information or even by the context in which information is presented or obtained. I will articulate the psychological mechanisms by which experts make biased and erroneous decisions and describe how this research can assist in identifying such weaknesses and in providing practical ways to mitigate them.

**Biosketch:**



**Itiel Dror** (PhD Harvard) is a cognitive neuroscientist who is interested in the cognitive architecture that underpins expert decision making. Dror's research, published in over 130 research articles (including in Science and Nature), demonstrates how contextual information can influence judgments and decision making of experts. He has worked in a variety of domains, from policing and aviation, to medical experts and bankers, showing that even hard working and

competent experts can make unintentional errors in evaluating data. Dr. Dror has worked with many agencies in various countries to minimize error and enhance decision making. More information is at: [www.cci-hq.com](http://www.cci-hq.com)