

1. Record Nr.	UNINA9910131526603321
Autore	Matthias Gamer
Titolo	Basic and applied research on deception and its detection [[electronic resource] /] / topic editors: Wolfgang Ambach and Matthias Gamer
Pubbl/distr/stampa	Frontiers Media SA, 2014 [Lausanne, Switzerland] : , : Frontiers Media SA, , 2014
Descrizione fisica	1 online resource (249 pages) : illustrations; digital, PDF file(s)
Collana	Frontiers Research Topics Frontiers in Human Neuroscience Frontiers in Psychology
Disciplina	177/.3
Soggetti	Psychophysiology - Research Deception - Psychological aspects Lie detectors and detection Cognition - Physiological aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Deception Research Today / Matthias Gamer and Wolfgang Ambach -- Current Research and Potential Applications of the Concealed Information Test: An Overview / Gershon Ben-Shakhar -- Effects of the Combination of P3-Based GKT and Reality Monitoring on Deceptive Classification / Ki-Won Jang, Deok-Yong Kim, Sungkun Cho and Jang-Han Lee -- Concealed Semantic and Episodic Autobiographical Memory Electrified / Giorgio Ganis and Haline E. Schendan -- P300 Amplitudes in the Concealed Information Test are Less Affected by Depth of Processing than Electrodermal Responses / Matthias Gamer and Stefan Berti -- "Have You Ever Seen This Face?" Individual Differences and Event-Related Potentials During Deception / Anja Leue, Sebastian Lange and Andre Beauducel -- Face and Voice as Social Stimuli Enhance Differential Physiological Responding in a Concealed Information Test / Wolfgang Ambach, Birthe Assmann, Bennet Krieg and Dieter Vaitl -- A Functional Analysis of Deception Detection of a Mock Crime Using Infrared Thermal Imaging and the Concealed Information Test / Kevin K. Park, Hye Won Suk, Heungsun Hwang and Jang-Han Lee --

Combining Blink, Pupil, and Response Time Measures in a Concealed Knowledge Test / Travis L. Seymour, Christopher A. Baker and Joshua T. Gaunt -- Detecting False Intent Using Eye Blink Measures / Frank M Marchak -- The Current and Future Status of the Concealed Information Test for Field Use / Izumi Matsuda, Hiroshi Nittono and John J. B. Allen -- Advancing Lie Detection by Inducing Cognitive Load on Liars: A Review of Relevant Theories and Techniques Guided by Lessons from Polygraph-Based Approaches / Jeffrey J. Walczyk, Frank P. Igou, Alexa P. Dixon and Talar Tcholakian -- When Interference Helps: Increasing Executive Load to Facilitate Deception Detection in the Concealed Information Test / George Visu-Petra, Mihai Varga, Mircea Miclea and Laura Visu-Petra -- Detecting Concealed Information from Groups Using a Dynamic Questioning Approach: Simultaneous Skin Conductance Measurement and Immediate Feedback / Ewout H. Meijer, Gary Bente, Gershon Ben-Shakhar and Andreas Schumacher -- The Autobiographical IAT: A Review / Sara Agosta and Giuseppe Sartori -- Learning to Lie: Effects of Practice on the Cognitive Cost of Lying / B. Van Bockstaele, B. Verschuere, T. Moens, Kristina Suchotzki, Evelyne Debey and Adriaan Spruyt -- A Repeated Lie Becomes a Truth? The Effect of Intentional Control and Training on Deception / Xiaoqing Hu, Hao Chen and Genyue Fu -- When Pinocchio's Nose Does Not Grow: Belief Regarding Lie-Detectability Modulates Production of Deception / Kamila E. Sip, David Carmel, Jennifer L. Marchant, Jian Li, Predrag Petrovic, Andreas Roepstorff, William B. McGregor and Christopher D. Frith -- Does the Inferior Frontal Sulcus Play a Functional Role in Deception? A Neuronavigated Theta-Burst Transcranial Magnetic Stimulation Study / Bruno Verschuere, Teresa Schuhmann and Alexander T. Sack -- Markers of Deception in Italian Speech / Katelyn Spence, Gina Villar and Joanne Arciuli -- Exploring the Movement Dynamics of Deception / Nicholas D. Duran, Rick Dale, Christopher T. Kello, Chris N. H. Street and Daniel C. Richardson -- How Do Incentives Lead to Deception in Advisor-Client Interactions? Explicit and Implicit Strategies of Self-Interested Deception / Barbara Mackinger and Eva Jonas.

---

### Sommario/riassunto

Deception is a ubiquitous phenomenon in social interactions and has attracted a significant amount of research during the last decades. The majority of studies in this field focused on how deception modulates behavioral, autonomic, and brain responses and whether these changes can be used to validly identify lies. Especially the latter question, which historically gave rise to the development of psychophysiological “lie detection” techniques, has been driving research on deception and its detection until today. The detection of deception and concealed information in forensic examinations currently constitutes one of the most frequent applications of psychophysiological methods in the field.

---