



an Open Access Journal by MDPI

Cognitive Approaches to Deception Research

Guest Editors:

Prof. Dr. Aldert Vrij

Department of Psychology,
University of Portsmouth,
Portsmouth, UK

Prof. Dr. Pär Anders Granhag

Department of Psychology,
University of Gothenburg,
Gothenburg, Sweden

Dr. Giorgio Ganis

School of Psychology, University
of Plymouth, Plymouth, UK

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

Originally, the detection of lying was arousal-based: Truth tellers and lie tellers were thought to differ in experiencing arousal and deception could therefore be detected by measuring arousal. The last 20 years has seen a paradigm shift, at least amongst researchers, to cognitive-based lie detection: Truth tellers and lie tellers are thought to differ in cognitive processing and the strategies they employ in interviews to appear convincing. This Special Issue focuses on cognitive-based lie detection. Both theoretical and empirical papers are welcome, focusing on observing behaviour, analysing speech content, measuring physiological responses and measuring brain activity.

Prof. Dr. Aldert Vrij

Prof. Dr. Pär Anders Granhag

Dr. Giorgio Ganis

Guest Editors



mdpi.com/si/133812

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).

Contact Us

Brain Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/brainsci
brainsci@mdpi.com
[X@BrainSci_MDPI](https://twitter.com/BrainSci_MDPI)