

## Brain Games for Experts: Cognitive Training for Critical Decision Makers

Expect the unexpected in this highly entertaining and educational session! Audience members will participate in live, interactive experiments that exploit subconscious thinking errors with shocking results. Participants will be stunned to find the extent to which their perceptions and decisions are affected by invisible errors and will learn cognitive exercises that can dramatically improve the effectiveness of their reasoning processes.

\*Optional - This session offers a powerful, live EEG demonstration (visual representation of brain activity) allowing attendees to witness the cognitive patterns that correspond with the most effective reasoning processes.

### Major Subjects:

- Choice blindness- missing the obvious
- Intuition - subconscious solutions to complex equations
- Problem framing- why we make contradictory decisions about the same data
- Illusory pattern detection
- Change blindness- failing to detect important shifts in data
- The effects of complexity and stress on judgment

Learning objectives: Participants will learn to recognize perceptual and reasoning biases that cause errors in judgment and the cognitive exercises recognized in the research to improve functioning and decision processes.

Level: Basic

Prerequisites: None

Advanced preparation: Not required

Hours: 1-4. Session available in 1-2 hour keynote format, a 1-2 hour presentation format or 2-4 hour workshop format.

Designed for: Analysts, auditors, governance and compliance professionals, and those working in the IT, HR, legal, and medical professions as well as executives, policymakers and other decision makers interested in enhancing the effectiveness of their reasoning and judgment processes.

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