

MOTIVATION

Almost twenty years after the seminal book the nature of insight appeared (*Sternberg & Davidson, 1995*), we think the time has come to collect and update the state of the art of insight problem solving.

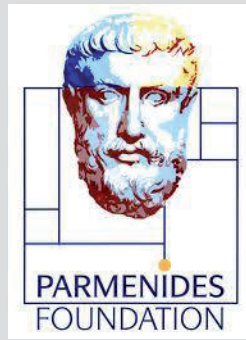
Experts that deal with insight problem solving from different perspective are invited.

We aim at providing new neuro-cognitive models and experimental paradigms that help us to better understand the foundations of insight problem solving, and share ideas that foster our further projects.

GENERAL INFORMATION

**The workshop
will
take place the**

**24th and 25th, February 2015
at the
Parmenides Foundation**



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INSIGHT

Darwinian Neurodynamics

WORKSHOP

**THE NATURE of INSIGHT
PART II**



**Collaborative project
FP7-ICT-2011-C
GA No: 308943**

Info: info@insight.eu
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TOPICS

- Gestaltis quo vadis? Providing a review on the most relevant concepts and findings on productive thinking and concludes with potential future perspectives.
- Cognitive models on insight problem solving. Reviewing the most important findings of the last 20 years and deducing models of insight problem solving.
- Memory and insight. Covers the important question how memory and insight interacts on a neuro-cognitive level.
- Insight and intuition. Addresses the old question about the relationship between insight problem solving and intuition by using imaging techniques.
- Embodiment and insight. Provides a new topic within insight problem solving that brings embodiment accounts and classical insight problems together.
- Creativity and insight. Brings the two separate domains together and elaborates on the nature of convergent and divergent thinking, and their impact on insight problem solving.
- Darwinian accounts on insight problem solving. Provides a new framework for insight problem solving informed by recently developed models.



EXPERTS

Amory Danek

Neural correlates of insight problem solving

Anna Fedor

Darwinian models on insight problem

Günther Knoblich

Cognitive models on insight problem solving, and general overview

Michael Öllinger

Cognitive models on insight problem solving

Judit Petervari

Insight and intuition in the creative process

Eörs Szathmáry

Darwinian models on insight problem solving

Kirsten Volz

Intuition and insight problem solving

Karsten Werner

Embodiment and insight problem solving

Thea Zander

Intuition and insight problem solving