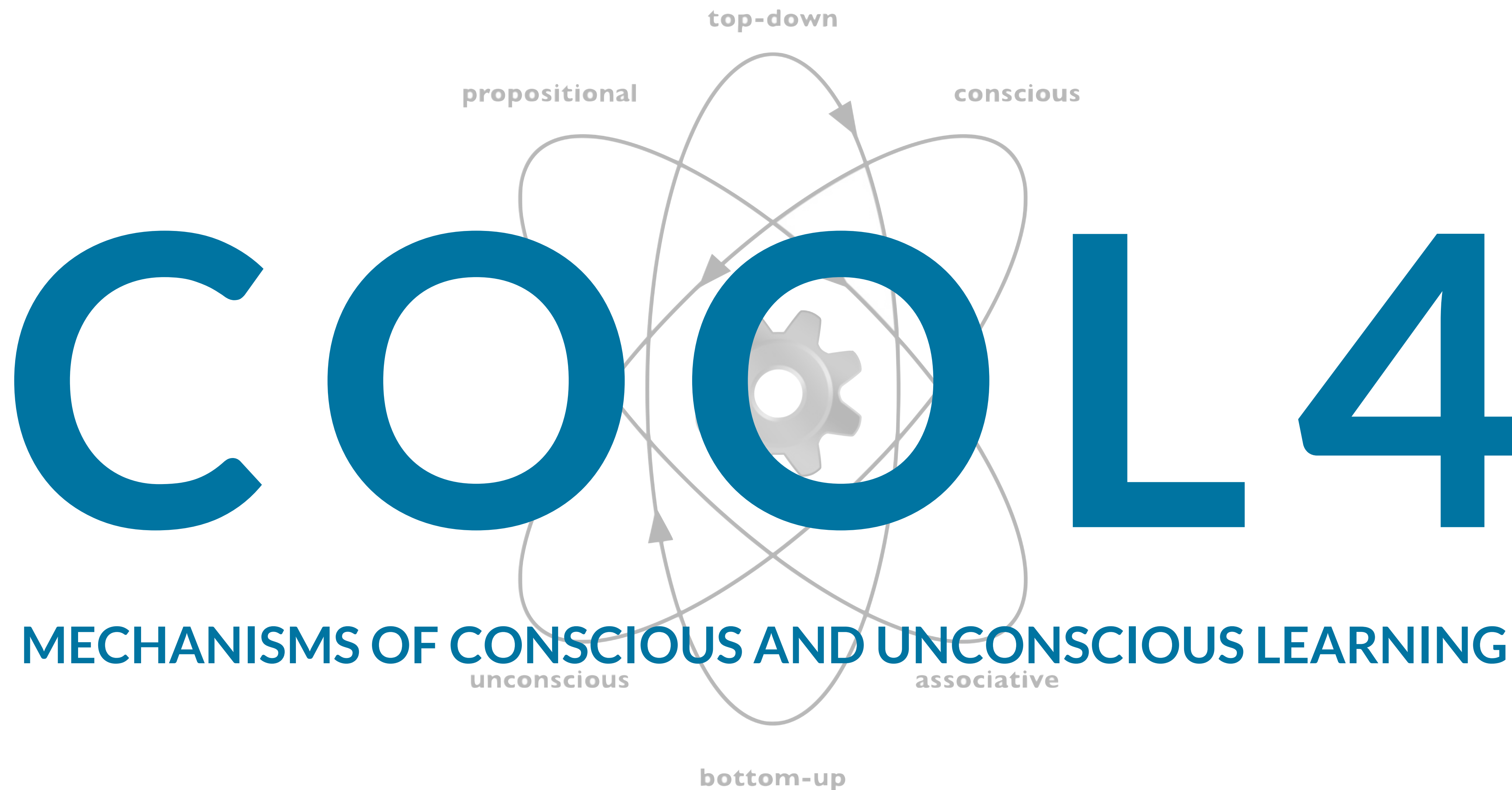


CENTER FOR RESEARCH IN
COGNITION & NEUROSCIENCES
/C03



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ULB



WELCOME



Post-Doctoral Researcher

WP8

ADÉLAÏDE DE HEERING

Adélaïde de Heering is a postdoctoral research fellow working at UNESCOG/CRCN under the supervision of Pr. Régine Kolinsky. After her PhD in the Face Categorization Lab at the University of Louvain-La-Neuve (Pr. Bruno Rossion) where she studied the development of the face processing system mainly with children and adults, she moved for two years at McMaster University (Canada) to pursue her work on the plasticity of this system with Pr. Daphne Maurer. When she came back to the Face Categorization Lab under a FNRS fellowship, she created a Baby Lab which aim was to investigate, thank to the EEG technique, how infants process and recognize faces and how they differentiate them from objects. Currently she is developing new paradigms to better understand what is the cost and/or the benefit of having developed a natural expertise with faces. She will also investigate the competition observed in a brain deprived of visual inputs.

ULB

LAB



WELCOME

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Labs



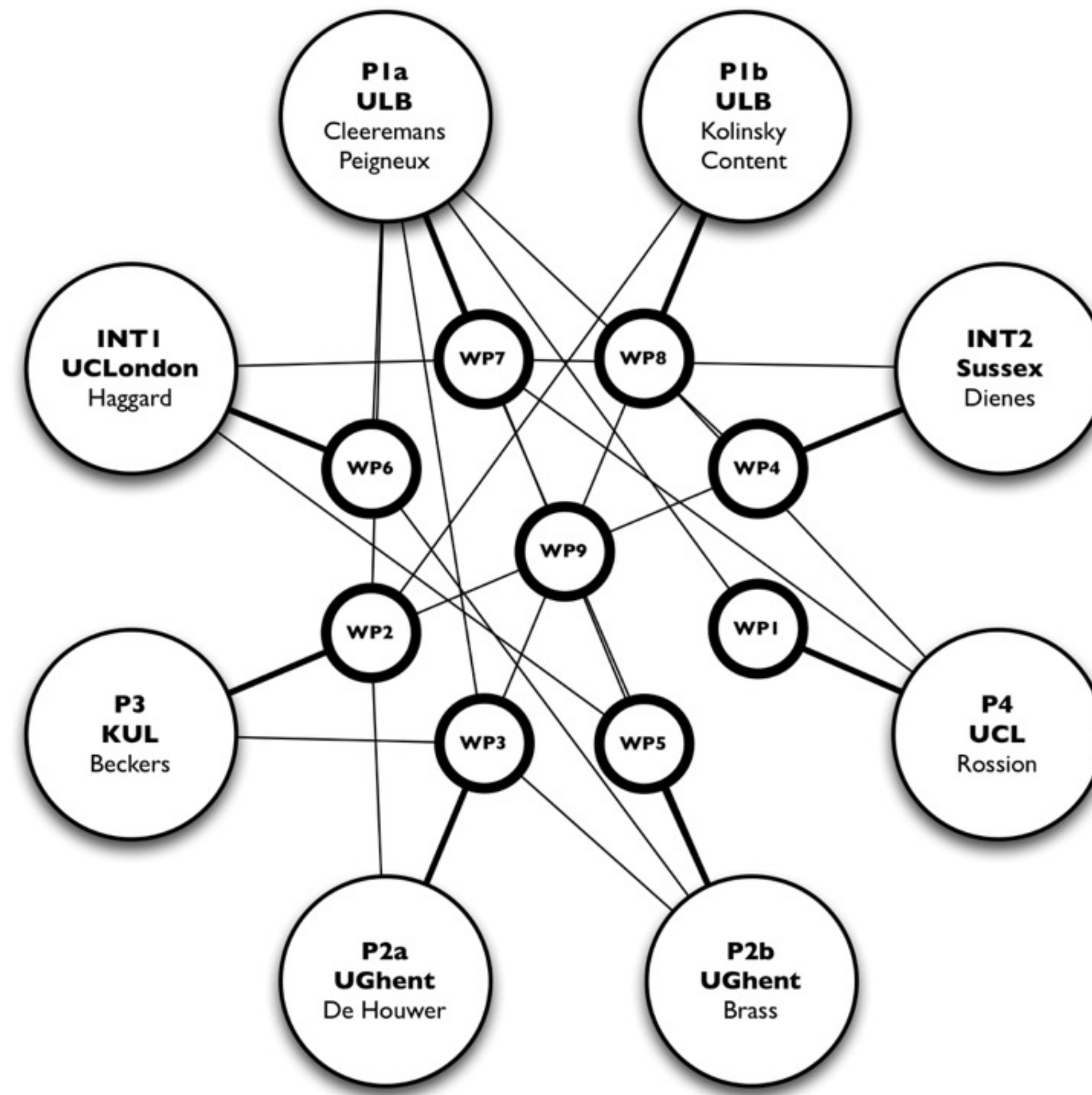
Keywords

- embodied cognition
- neglect
- numerical cognition
- synaesthesia
- visuospatial attention
- working memory









Research

My main domain of research is numerical cognition, investigated by means of behavioral and electrophysiological methodologies (EEG-ERP), as well as kinematics recording. I am currently postdoc at ULB, where I investigate performance of right brain damaged patients and healthy participants in bisection tasks (manual line bisection, numerical interval bisection, landmark task) to correlate this performance to attentional mechanisms, working memory, and specific neural networks.

IAP 7/33






































ACTIVITIES

TITLE ▼	EVENT TYPE ▼	PUBLICATION DATE ▲	DESCRIPTION	LINK
JEAN NICOD PRIZE & LECTURES: PATRICK HAGGARD – “VOLITION, AGENCY, RESPONSIBILITY: COGNITIVE MECHANISMS OF HUMAN ACTION” – PARIS – MAY 2016		2015 10		
CONSCIOUSNESS AND THE MIND’S I: LOOPS AND SYSTEMS BETWEEN PERCEPTION AND ACTION – BRUSSELS – 1 DECEMBER		2015 09		
COOL BECOMING INCREASINGLY HOT!		2015 03		
COOL IAP KUL-ULB PARTNERS FUNDED “HYPNOS’ HEALING POWERS” PROJECT		2014 12		

+ numerous smaller meetings and interactions between partners

PUBLICATIONS

TITLE ▾	AUTHOR ▾	INSTITUTION ▾	DATE ▲	ABSTRACT	DOWNLOAD
 DIENES ET AL 2016 DISCUSSES METACOGNITION OF AGENCY IN HYPNOSIS AND MEDITATION	Zoltan Dienes	SUSSEX	2015 10	✓	1MB
 MERTENS ET AL. (IN PRESS). C&E	Jan De Houwer	UGENT	2015 10		533KB
 HUGHES ET AL. (IN PRESS). EP	Jan De Houwer	UGENT	2015 10		617KB
 GAWRONSKI ET AL. (IN PRESS). C&E	Jan De Houwer	UGENT	2015 10		165KB
 VAN DESSEL ET AL. (IN PRESS). PSPB	Jan De Houwer	UGENT	2015 10		210KB
 VAN DESSEL ET AL. (IN PRESS) JPSP	Jan De Houwer	UGENT	2015 10		329KB
 "WHY SHOULD I CARE?" CHALLENGING FREE WILL ATTENUATES NEURAL REACTION TO ERRORS	Marcel Brass	UGENT	2015 10		453KB
 IT WASN'T ME! MOTOR ACTIVATION FROM IRRELEVANT SPATIAL INFORMATION IN THE ABSENCE OF A RESPONSE.	Marcel Brass	UGENT	2015 10		1MB
 ELIMINATING MIRROR RESPONSES BY INSTRUCTIONS	Marcel Brass	UGENT	2015 10		794KB
 BORRAGAN, G., URBAIN, C., SCHMITZ, R., MARY, A., & PEIGNEUX, P. (2015). SLEEP AND MEMORY CONSOLIDATION: MOTOR PERFORMANCE AND PROACTIVE INTERFERENCE EFFECTS IN SEQUENCE LEARNING. BRAIN COGN, 95, 54-61	Philippe Peigneux	ULB	2015 09	✓	604KB
 INTO THE LOOKING GLASS: LITERACY ACQUISITION AND MIRROR INVARIANCE IN PRESCHOOL AND FIRST-GRADE CHILDREN.	Régine Kolinsky	ULB	2015 09		
 DOES LEARNING TO READ SHAPE VERBAL WORKING MEMORY?	Régine Kolinsky	ULB	2015 09		
 ON THE OTHER SIDE OF THE MIRROR: PRIMING IN COGNITIVE AND SOCIAL PSYCHOLOGY	Axel Cleeremans	ULB	2015 09	✓	317KB
 DISSOCIATING CONSCIOUS AND UNCONSCIOUS LEARNING WITH OBJECTIVE AND SUBJECTIVE MEASURES	Axel Cleeremans	ULB	2015 09	✓	316KB
 THE TEMPORAL DYNAMIC OF AUTOMATIC INHIBITION OF IRRELEVANT ACTIONS	Axel Cleeremans	ULB	2015 09	✓	2MB

 THE RELATIONSHIP BETWEEN HUMAN AGENCY AND EMBODIMENT	Axel Cleeremans	ULB	2015 09	✓	1MB
 HOW CAN WE MEASURE AWARENESS? AN OVERVIEW OF CURRENT METHODS	Axel Cleeremans	ULB	2015 09	✓	675KB
 DOES LEVEL OF PROCESSING AFFECT THE TRANSITION FROM UNCONSCIOUS TO CONSCIOUS PERCEPTION?	Axel Cleeremans	ULB	2015 09	✓	279KB
 FEATURE- VERSUS RULE-BASED GENERALIZATION IN RATS, PIGEONS AND HUMANS.	Tom Beckers	KUL	2015 07	✓	127KB
 TIMING THE IMPACT OF LITERACY ON VISUAL PROCESSING	Régine Kolinsky	ULB	2015 03		
 ILLITERATE TO LITERATE_BEHAVIOURAL AND CEREBRAL CHANGES INDUCED BY READING ACQUISITION	Régine Kolinsky	ULB	2015 03		
 VAN LIER ABSTRACT THINKING AND GENERALIZATION 2015	Yannick Boddez	KUL	2015 02		→
 LUYTEN BODDEZ IN PRESS	Yannick Boddez	KUL	2015 02		536KB
 RAES ET AL. 2014	Jan De Houwer	UGENT	2015 01	✓	482KB
 DE HOUWER 2014	Jan De Houwer	UGENT	2015 01	✓	142KB
 VAN DESSEL ET AL IN PRESS	Jan De Houwer	UGENT	2015 01	✓	294KB
 NEW FRONTIERS IN THE RUBBER HAND EXPERIMENT: WHEN A ROBOTIC HAND BECOMES ONE'S OWN	Axel Cleeremans	ULB	2014 12	✓	864KB
 SELECTIVITY IN ASSOCIATIVE LEARNING: A COGNITIVE STAGE FRAMEWORK FOR BLOCKING AND CUE COMPETITION PHENOMENA	Tom Beckers	KUL	2014 10	✓	→
 HOW LEARNING TO READ INFLUENCES LANGUAGE AND COGNITION	Régine Kolinsky	ULB	2014 10		
 HOW FORMAL EDUCATION AND LITERACY IMPACT ON THE CONTENT AND STRUCTURE OF SEMANTIC CATEGORIES	Régine Kolinsky	ULB	2014 10		380KB

NEWS



WEBSITE

COOL

NEWS & EVENTS

PROJECT

PARTNERS

DOCUMENTS



MECHANISMS OF CONSCIOUS AND UNCONSCIOUS LEARNING



PROGRAM



9.30 Welcome/coffee – salle du conseil 9.50
Introduction by Axel Cleeremans 10:00 Partner/WP
presentations

10:00 **Brussels1 Cleeremans** Leading on WP7, partner in WP1-6

10:10 **Brussels2 Peigneux** Associated on WP1, WP2 & WP5

10:20 **Ghent (De Houwer)**
Leading on WP3, partner in WP2, WP8

10:30 **Louvain (Rossion)**
Leading on WP1, partner in WP7, WP8

10:40 **London (Haggard)**
Leading on WP6, partner in WP5, WP7

10:50 **Brussels2 (Kolinsky)** Leading on WP8, partner in WP2

11:00 **Brussels2 (Content)** Leading on WP8

11:10 Coffee break

11:30 Research presentations

Presentations from junior researchers (PhD students and postdocs)

11:30 **Talk 1** Gaëtan Mertens (Gent)
“Potentiation of the startle reflex is in

line with contingency reversal instructions rather than the conditioning history”

12:00 **Talk 2** Aliette Lochy (UCL). *“A critical role of face-like configuration in*

visual expertise acquisition”

12.30: Discussion

12:45 Lunch + Administrative meeting (Pls only ; 12:45-13.45)

14:00 **Talk 3** Yannick Boddez (KUL) *“The inferential reasoning theory of causal learning: Towards a multi-process propositional account”*

14:30 **Talk 4** Andrea Alamia (UCL) *“”Implicit learning: when your brain knows more than you do”*

15:00 **Talk 5** Ana Franco (ULB). *“The impact of literacy on statistical speech”*

15:30 Coffee Break

16:00 **Talk 6** Senne Braem (Ghent). *“Searching for the Pavlovian trace: Neural patterns in the right amygdala distinguish experienced-based fear from instructed fear”*

16:30 **Talk 7** Xiaoqing Gao (UCL). *“Learning regularities from faces”*

17:00 **Talk 8** Pete Lush (Sussex). *Title TBA*

17:30 General DISCUSSION