

**-Last Update: September 2023**



## **Prof. Alexandre HEEREN, PhD** **FNRS Research Associate**

Director of the Stress and Anxiety Research Lab

Psychological Sciences Research Institute  
&  
Institute of Neuroscience

Université catholique de Louvain, Belgium

### **PERSONAL INFORMATION**

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#### **Work Address**

Prof. Alexandre Heeren, PhD  
Psychological Sciences Research Institute  
Université Catholique de Louvain  
Place du Cardinal Mercier, 10  
Louvain-la-Neuve B-1348  
Belgium  
E-mail: [alexandre.heeren@uclouvain.be](mailto:alexandre.heeren@uclouvain.be)

**Place of birth:** Woluwé-Saint-Lambert (Belgium)

**Date of birth:** March 6, 1984

**Citizenship:** Belgian/EU

**Family status:** Married and two children: Tristan (2019); Garance (2023).

**Languages:**

French (mother tongue) / English (fluent)

**Red Cross First Aid Rescuer:** EU certification

#### **Professional Social Media**

Personal website: [www.heerenlab.com](http://www.heerenlab.com)

Google Scholar profile: <http://scholar.google.be/citations?user=2tj7VgEAAAAJ>

Research Gate profile: [http://www.researchgate.net/profile/Alexandre\\_Heeren/](http://www.researchgate.net/profile/Alexandre_Heeren/)

ORCID: <http://orcid.org/0000-0003-0553-6149>

OSF: <https://osf.io/4c7ex/>

### **CURRENT POSITIONS**

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**Nov 2017 -** **Research Professor** at the Psychological Sciences Research Institute (IPSY) & Institute of Neuroscience (IONS), UCLouvain, Belgium (part-time: 10%)

**Nov 2017 -** **FRS-FNRS Research Associate** (“Chercheur qualifié FRS-FNRS”) (full time)

### **EDUCATION & ACADEMIC ACHIEVEMENTS**

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**Oct 2015 – Nov 2017** **Postdoctoral Research Fellow**, McNally Lab, Department of Psychology, Harvard University, MA, USA (supervisor: Prof. Richard J. McNally)

**Dec 2013 – Sept 2015** **Postdoctoral Research Fellow**, Laboratory for Experimental Psychopathology, Université Catholique de Louvain, Belgium (supervisor: Prof. Pierre Philippot)

**Aug 2013 – Nov 2013** **Postdoctoral Visiting Scholar**, McNally Lab – Harvard University, MA, USA (supervisor: Prof. Richard J. McNally)

**Oct 2012 – July 2013** **Postdoctoral Research Fellow**, Psychopathology and Affective Neuroscience Lab – Ghent University, Belgium (supervisor: Prof. Rudi de Raedt)

**2008 – 2012** **PhD in Psychological Sciences**, Université Catholique de Louvain, Belgium (supervisor Prof. Pierre Philippot). (PhD defense: March 2, 2012) (*no grades attributed to PhD in Belgium*)

**2010 – 2011** **Master’s degree (equivalent to Msc) in Evidence-based Psychotherapy**, Department of Psychology, Université Catholique de Louvain, Belgium and Geneva University, Switzerland. Mention: summa cum laude (*i.e.*, avec La Plus Grande Distinction) (Ranked first of my promotion)

**2007 – 2010** **Postgraduate Certification in Psychotherapy (i.e. CBT)**, Université catholique de Louvain and Université de Liège, Belgium (*no grades attributed to certification*)

- 2007 – 2008**                      **Research & Teaching Assistant**, Emotion, Cognition, & Health Research Unit, Department of Psychology, Université Catholique de Louvain, Belgium.
- 2002 – 2007**                      **Master's degree (equivalent to BA+MSc) in Psychological Sciences**, Faculty of Psychology and Educational Sciences, Université Catholique de Louvain, Belgium. Mention: summa cum laude (*i.e.*, avec la plus grande distinction) (Ranked first of my promotion)

## **AWARDS, FELLOWSHIPS, & HONORS**

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- 2021**                                  **Fellow**, International Society for Affective Disorders
- 2020**                                  **Among top 5% scientists based on impact** (fields: "Clinical Psychology" & "Psychiatry"), **PLOS Biology (2020)** (<https://doi.org/10.1371/journal.pbio.3000918>)
- 2020**                                  **STAR Early Career Award** from the Stress, Trauma, Anxiety, & Resilience society (<https://star-society.org/star-awards/>)
- 2018**                                  **Publons Top Peer Reviewer Award 2018** — Category: Top Reviewer for Psychiatry/Psychology
- 2017**                                  **Awardee tenured FRS-FNRS Research associate ("Chercheur qualifié FRS-FNRS")** — A highly competitive research-based tenured fellowship at the Belgian National Science Foundation (equivalent to US Research Professor).
- 2016**                                  **Helaers Foundation for Medical Research — Postdoctoral Research Fellowship** (fellowship covering my postdoctoral training at Harvard University, MA, USA)
- 2015 - 2017**                      **WBI World Excellence Postdoctoral Fellowship** (two-year postdoctoral fellowship at Harvard University, MA, USA) — Supported by BioWin: The Competitive Cluster in Health and Life Sciences of Wallonia (Plan Marshall 2.vert)
- 2013**                                  **Belgian Foundation for Vocation – "Vocatio"** (Award for scientific vocation)
- 2013**                                  **WBI World Excellence Fellowship** (fellowship for a 4-month research stay at Harvard University, MA, USA)
- 2012 - 2015**                      **FNRS Postdoctoral Research Fellowship**, Belgian National Fund for Scientific Research (three-year postdoctoral fellowship) [*i.e.*, a highly competitive postdoctoral fellowship]
- 2012**                                  **AEMTC 2012, Best Poster Award** from the French-speaking Belgian Association for CBT.
- 2011**                                  **AEMTC 2011, Best Poster Award** from the French-speaking Belgian Association for CBT.
- 2010**                                  **Highest Honors (Summa Cum Laude and ranked first of my promotion)**, Complementary Master in evidenced-based psychotherapy, Conjointly from Université catholique de Louvain, Belgium & University of Geneva, Switzerland
- 2010**                                  **AEMTC 2010, Best Poster Award** from the French-speaking Belgian Association for CBT.
- 2008 - 2012**                      **FNRS Doctoral Research Fellowship**, Belgian National Fund for Scientific Research (four-year doctoral fellowship) [a highly competitive doctoral fellowship]
- 2007**                                  **Highest Honors (Summa Cum Laude and ranked first of my promotion)**, Master degree in Psychological Sciences, Université catholique de Louvain, Belgium

## **RESEARCH GRANTS**

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- 2023 – 2025**                      **F.R.S.-FNRS "Research Credit" Grant**; Project: "Attention2Threat4Adaptation: A neurocognitive approach to climate anxiety". (**40 000 euros**) (Role: PI)

2022 – 2026	<b>Swiss National Science Foundation (SNSF) “Doc.CH” Research Grant for a Phd studentship: Loïs Fournier [Project number: P000PS_211887]: <i>Improving the assessment of impulsivity: a novel psychometric approach.</i></b> Co-promotion between Université de Lausanne (Prof. Billieux, role: Promotor) & UCLouvain (Prof. Heeren, Role: Co-promotor). <b>(293 963 euros)</b>
2022 – 2026	<b>Excellence of Science (FNRS/FWO) -- Research Project: Biobehavioral dynamics of triadic stress resilience transmission in families » (3 702 519 euros)</b> (Role: PI with Rudi de Raedt (UGent), Frank Kooy (UAntwerpen), Guy Bosmans (KULeuven), Rudi D’hooge (KULeuven), Eva Culemans (KULeuven), Sarah Galdiolo (UMons), Mandy Rossignol (UMons).
2021 – 2023	<b>FSR Incoming Postdoctoral Research Grant to hire a two-year postdoctoral researcher “(100 000 euros)</b> (Role PI).
2021	<b>Belgian University Foundation</b> (small grant for open access research) <b>(500 euros)</b> (grantee: Alexandre Heeren)
2020 – 2022	<b>“Special Research Funds” — FSR Research Grant from the Université catholique de Louvain “(77 000 euros)</b> (Role: PI)
2020 – 2022	<b>Research Grant for a PhD studentship from the FRS-FNRS</b> —Topic: An empirical test of the assumption of the network theory of psychopathology through the lens of parental burnout: A combination of intensive longitudinal designs and experimental research <b>(85 000 euros)</b> (Role: PI; PhD student: M.A. Blanchard).
2020	<b>F.R.S.-FNRS “Research Credit” Grant;</b> Project: “Unfolding the complex dynamic interplay between top-down executive control and rumination: A network approach”. <b>(15 000 euros)</b> (Role: PI)
2019 – 2023	<b>Action de Recherche Concertée, Communauté Française de Belgique [Coordinated Research Grant from the French Community of Belgium]:</b> Interdisciplinary research project on parental burnout <b>(680 000 euros)</b> [Role: PI, with Profs I. Roskam, A. François, I. Aujoulat, & M. Mikolajczak).
2019	<b>UCLouvain’s International Initiative Fund [Fonds d’Appui à l’Internationalisation (FAI)]:</b> Large international study (involving more than 45 countries) and scientific networking activities <b>(15 000 euros)</b> (Role: Co-PI, with Profs I. Roskam, A. François, I. Aujoulat, & M. Mikolajczak).
2018	<b>FRS-FNRS Large Equipment Grant:</b> High gradients and advanced research tools for an MRI research platform <b>(500 000 euros)</b> (Role: Co-PI)
2018 – 2020	<b>“Special Research Funds” — FSR Research Grant from the Université catholique de Louvain “(80 000 euros)</b> (Role: PI)
2017 – 2021	<b>F.R.S.-FNRS Seed Funds (20 000 euros)</b> (Role: PI)
2017 – 2020	<b>“UCLouvain Seed Funds” (10 000 euros)</b> (Role: PI)
2017 – 2021	<b>Research Grant for a PhD studentship from « L’Hôpital Psychiatrique du Beau Vallon asbl » (179 507 euros)</b> (Role: PI; PhD student: C. Coussement) — Topic: The role of executive control in the co-occurrence between mood and anxiety disorders.

Note that most of my research activities conducted before my current position at UCLouvain (Nov 2017) were funded through postdoctoral and doctoral fellowships, but not directly by research grants (fellowships are listed above).

## **NON-RESEARCH GRANTS**

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2023	<b>F.R.S.-FNRS “Grant for the organization of the 18<sup>th</sup> Edition of the Annual Convention of the GREPACO (Groupe de Réflexion en Psychopathologie</b>
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- Cognitive) at UCLouvain in May 2023 (3 487 euros)** (Role: Main applicant of the grant)
- 2023**      **PSYCEDUC grant support for the organization of the 18<sup>th</sup> Edition of the Annual Convention of the GREPACO (Groupe de Réflexion en Psychopathologie Cognitive) at UCLouvain in May 2023 (600 euros)** (Role: Main applicant)
- 2023**      **PSYCEDUC grant support for the organization of a scientific day (for early stage researchers) at UCLouvain in May 2023 entitled “What does it mean to be a researcher in 21<sup>st</sup> century academia?” (900 euros)** [Role: Main applicant of the grant)

## **SERVICES TO THE UNIVERSITY AND THE COMMUNITY**

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### **1. Institutional and political activities in university and scientific organizations**

- **Member of the UCLouvain “Interdisciplinary Research Initiative on the Ecological Crisis”** (Groupe de Recherche Interdisciplinaire sur la Crise Ecologique” (since Sept 2023).
- **Member of the Expert Reference Group on Psychology and Climate Change;** European Federation of Psychologists’ Associations (Sept 2021 – Sept 2022)
- **STAR National Representative,** Belgian national representative of the Stress, Trauma, Anxiety, and Resilience research Society (since Sept 2020)
- **Member at the Executive Bureau of the Psychological Sciences Research Institute —** Role: Board Member and Representative of the research in clinical and health psychology (Oct 2018 – Sept 2021)
- **Member of the International Relations Board Committee of the Psychological Sciences Research Institute** (Sept 2018 – Jan 2020)
- **Harvard-MIT Belgian Society (Cambridge, MA, USA),** Board Member of the non-profit organization (May 2016 – Oct 2017) - Sponsors: *McKinsey & Company Consulting Group; Duvel USA; Honorary Consulate of Belgium in New England*
- **Brand-Ambassador at “Wallonia.be”** for research and innovation in Belgian Wallonia (since September 2015)

### **2. Ad hoc expert or board member for the following international, governmental, and institutional funding bodies:**

- Health Services and Population Health Research, Chief Scientist Office Project Grant, Scottish Government (referee: 2013)
- Young Investigator Grant, National Institute for Psychobiology in Israel (referee: 2014)
- Australian Research Council (referee: 2014)
- United States-Israel Binational Science Foundation (referee: 2015; 2016)
- Israel Science Foundation (referee: 2016; 2018)
- Netherlands Organization for Scientific Research (NWO) — TOP Grants (referee: 2017)
- FWO — Belgian Flanders Research Foundation (referee: 2017)
- Initiatives de Recherche Stratégique de l’IDEX (Initiatives d’excellence), Université Grenoble Alpes, France (referee: 2018)
- Internal Junior Fellowships, Freiburg Institute for Advanced Studies, University of Freiburg, Germany (referee: 2019).
- Selection committee for the recruitment of a teaching and research assistant in clinical and health psychology, Department of Psychology and Educational Sciences, UCLouvain, Belgium (President of the Commission: 2020).
- Social Sciences and Humanities Research Council of Canada (Commission 10B: Psychology), Insight Grants (Grants reviewers: 2021)
- Coordination and Evaluation Subdivision of the State Research Agency (AEI), Research-Innovation Projects: Department of Research and Innovation of the Spanish Government, Spain (External Expert: 2020)
- Department of Community Mental Health, University of Haifa (Israel), Appointments & Promotions Committee (External advisor: Summer 2021)

- Department of Psychology, McGill University, external evaluator for academic staff's appointments (Fall 2021)
- Stress, Trauma, Anxiety, and Resilience research Society, Early Career Award's Selection Committee (2022).
- Swiss National Science Foundation, Social Sciences (Research Project, 2022).

### 3. Appointments as expert in the organization of international colloquium and meetings

- **Host organizing committee – 23<sup>rd</sup> edition of the GREPACO conference.** UCLouvain, May 22-23 2023, Louvain-la-Neuve, Belgium.
- **Program Committee – 2<sup>nd</sup> International Conference on Parental Burnout** (i.e., local organizer committee, selection of talks). UCLouvain, May 6-7 2021, Louvain-la-Neuve, Belgium
- **Program Chair -- Reviewer for the 2020 Annual Convention of the Association for Behavioral and Cognitive Therapies** (i.e., selection of symposia, posters, panel discussions, clinical roundtables): **ABCT 2020**, Philadelphia, PA, USA
- **Program Committee – 1<sup>st</sup> International Conference on Parental Burnout** (i.e., local organizer committee, selection of symposia, posters). UCLouvain, December 6<sup>th</sup> and 7<sup>th</sup>, 2019, Louvain-la-Neuve, Belgium.
- **Program Chair -- Reviewer for the 2019 Annual Convention of the Association for Behavioral and Cognitive Therapies** (i.e., selection of symposia, posters, panel discussions, clinical roundtables): **ABCT 2019**, Atlanta, GA, USA
- **Program Chair -- Reviewer for the 2018 Annual Convention of the Association for Behavioral and Cognitive Therapies** (i.e., selection of symposia, posters, panel discussions, clinical roundtables): **ABCT 2018**, Washington DC, USA
- **Program Chair -- Reviewer for the 2017 Annual Convention of the Association for Behavioral and Cognitive Therapies** (i.e., selection of symposia, posters, panel discussions, clinical roundtables): **ABCT 2017**, San Diego, CA, USA
- **Program Chair -- Reviewer for the 2016 Annual Convention of the Association for Behavioral and Cognitive Therapies** (i.e., selection of symposia, posters, panel discussions, clinical roundtables): **ABCT 2016**, New York, NYC, USA.
- **Board Committee Member**, “Journée Scientifique du Groupe de Réflexion en Psychopathologie Cognitive”, 2011, Iltre, Belgium (2-day expert meeting)
- **Local leading organizer** of the “Attentional Processes and Psychopathology” expert meeting (one-day expert meeting), Université catholique de Louvain, 2011, Louvain-la-Neuve, Belgium

### 4. Editorial activities

#### - Associate Editor:

- *Journal of Anxiety Disorders* (Jan 2021 - current)
- *BMC Psychiatry —Stress and Anxiety section* (Jan 2015 – Jan 2021)
- *Frontiers in Psychology — section “Psychopathology”* (Jan 2016 - Dec 2020)

#### - Editorial Board Membership:

- *Behaviour Research and Therapy* (Associate Editorial Board: since Jan 2016)
- *Revue Francophone de Clinique Comportementale* (Since Sept 2023)

#### - Ad Hoc Referee for the following international peer-review journals:

Ad hoc reviewer for more than 70 distinct journals — full list (i.e., more than 200 reviews since 2016) available on my **Publons'** profile [www.publons.com/a/1235820/](http://www.publons.com/a/1235820/).

### 5. Outreach

- **Talk at TEDxUCLouvain 2018** [<https://youtu.be/R9OtUn4hYpE>]
- **More than 6 clinical workshops (as main instructor)** for practitioners (see below)
- **8 outreach conferences for a general audience** — i.e., dissemination of evidence-based practice in the general community
- My work has been regularly profiled (via radio and TV interviews as well as frequent interviews for newspapers and magazines) in **International media coverage (e.g., New York Times, BBC News; EuroNews; Le Monde)** and **national media coverage** (e.g., RTBF, RTL-TVI, LN24; Le Soir, L'Echo).

*N.B.: My recent research activities have been recently acknowledged through my participation in a series of "Les visages de la Recherche" broadcasted by UCLouvain. Please see: <https://youtu.be/SCFfxOZW7nc>*

## **ACTIVE NETWORKING & AFFILIATIONS TO SCIENTIFIC SOCIETIES**

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### **- Active Role in Scientific Networking:**

- 2021 - International investigation of Parental Burnout; Role: Consortium member**
- 2021 – 2022: Expert Reference Group « Psychology and Climate Change »** for the European Federation of Psychologists' Associations; *Role: Expert and Belgian national representative*
- 2020 - ENIGMA-Anxiety working group; Role: group member of the Social Anxiety Disorder subgroup.**
- 2020 - Stress, Trauma, Anxiety, & Resilience research society** (since Oct 2020); *Role: Belgian national representative of the research society*
- 2015 - "Wallonia.be" - research and innovation in Belgian Wallonia; Role: Brand-Ambassador**

### **- Member of scientific societies:**

- 2018 - Stress, Trauma, Anxiety, & Resilience research society**
- 2014 - Association for Psychological Science**
- 2013 - Association for Behavioral and Cognitive Therapies**
- 2010 - Belgian Association for Psychological Science**

## **TEACHING ACTIVITIES**

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### **- At UCLouvain:**

- 2018 – Introduction to graph theory and statistical network analysis for psychologists** (15h/y; level: MASTER2 – about 15 students per class)
- 2018 –2021 General psychopathology – Section dedicated to stress- and anxiety-related psychopathology** (15h/y; level: BAC2 – about 400 students per class) [Sections dedicated to the history of mental health and sections dedicated to the Stress and Anxiety-related psychopathology]
- 2015 – 2017 Advanced statistical methods: Meta-analytic tools applied to clinical, social, and behavioral sciences** (15h/y; level: MASTER2 - about 20 students per class).
- 2014 – 2015 Statistical tools for uncommon dataset in clinical, social, developmental, and cognitive psychology** (60h/y; level: MASTER2 - about 20 students per class).

### **- Teaching positions in other universities:**

- 2019 – 2022 Advanced topics in Clinical Psychological Sciences** (Invited Professor) (8h/year; about 20 students per class) - Master 2 in Psychological Sciences (track: Psychopathology and psychogerontology), Université de Poitiers, France
- 2019 Introduction to graph theory and statistical network analysis for behavioral scientists** (Invited Professor; 8h/y - about 20 students per class), Doctoral School for Humanities and Social Sciences, University of Luxembourg, Luxembourg.
- 2012 – 2018 Advanced topics in Experimental Psychopathology** (Invited Professor) (8h/year; about 20 students per class) - Master 2 Master 2 in Psychological Sciences (track: Research), Université de Poitiers, France

## **SUPERVISION EXPERIENCE**

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### **Supervision of postdoctoral researcher:**

- Jan 2023 – Sep 2023: **Clara Della Libera** (Role: Director; hired via an “Excellence of Science” FNRS/FWO Grant’).
- Oct 2021 – Sept 2022: **Alba Contreras Cuevas** (Role: Director; via an “Incoming UCLouvain Research Grant”).

#### Supervision of PhD students:

##### *Ongoing:*

- Since Oct 2022: **Mariah Matar** (Role: Director; funding: EOS (FNRS/FWO) research project grant)
- Since Oct 2022: **Doris Lacassagne** (Role: Director; Co-director: Prof. Eva Ceulemans (KULeuven), funding: EOS (FNRS/FWO) research project grant)
- Since Oct 2022: **Loïs Fournier** (Role: Co-Director; director: Prof. J. Billieux (University of Lausanne), funded by a Swiss National Science Foundation (SNSF) “Doc.CH” Research Grant)
- Since Oct 2020: **Camille Mougouma-Daouda** (Role: Director; funded by a UCLouvain FSR Research Grant; Bourse National du Gabon)
- Since Oct 2019: **Marie-Annelise Blanchard** (Role: Director; funded by the FRS-FNRS).
- Since Oct 2018: **Yorgo Hoebeke** (Role: Director; funded by a UCLouvain FSR Research Grant)

##### *Completed:*

- **Charlotte Coussement** (Role: Director; funded by the BeauVallon Psychiatric Hospital). (defended in Jan 2022).

#### Master Students Research Internship Supervision

Since 2017: yearly supervision of 3-to-4 local and international research interns

#### Master Theses under my supervision

Since 2017: yearly supervision of 6-7 master theses

#### Awards received by people working under my supervision:

My supervision skills have been witnessed by awards received by people working under my supervision:

- Emmanuelle Schoonjans (Master student) received the " GREPACO Best Paper Presentation Award » (2021)
- Marie Annelise Blanchard (PhD student) received the "Student Development Award from the Stress, Trauma, Anxiety, and Resilience research society» (2020), which yearly recognizes the best international publication first-authored by a doctoral student in the study of stress, trauma, anxiety, and resilience.
- Charlotte Coussement (PhD student) received the GREPACO Best Paper Presentation Award (2015).

#### Jury Memberships

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##### Member of PhD's doctoral committees

- **At UCLouvain:** **Amélie van Caekenberghe** (2021- ongoing); **Arthur Pabst** (2019 – ongoing); **Gao-Xian Lin** (2019 – 2023); **Alice Verchuren** (2018 – ongoing); **Zoé Bollen** (2018 – 2023); **Amélie Van Thorre** (2018 – ongoing); **Sullivan Fontesse** (2016 – 2020); **Séverine Lannoy** (2014-2018); **Jory Deleuze** (2013-2018); **Marie Bayot** (2013-2017);
- **Outside UCLouvain:** **Audrey Krings** [Université de Liège, Belgium (2017 – 2021)]; **Joanna Myriam Moussally** [Geneva University, Switzerland (2012 – 2016)]; Taha Hannachi [Université de Rennes, France (2022 – ongoing)]

##### External Jury Member (completed)

1. « Thèses d'Habilitation à Diriger des Recherches » (HDR ; Accreditation to Lead Research)

**2021:** Sarah Le Vigouroux, Université de Nîmes, Nîmes, France, December 13, 2021.

## 2. PhD's committees:

**2021: Clara Della Libera** (Directors: Prof. Frank Laroi (University of Bergen, Oslo, Oslo, Norway) & Prof. Etienne Quertemont (Université de Liège, Liège Belgium), Université de Liège, Liège, Belgium, December 16, 2021).

**2021: Maria Elena Brianda** (Directors: Prof. Moïra Mikolajczak and Prof. Isabelle Roskam, Université catholique de Louvain, Louvain-la-Neuve, Belgium; March 4, 2021).

**2021: Isabelle Leboeuf** (Directors: Prof. Pascal Antoine, Laboratoire de Sciences Cognitives et Affectives, Université de Lille, France, January 21, 2021).

**2020: Malavika Godara** (Directors: Prof. Rudi De Raedt and Prof. Alvaro Sanchez Lopez, Department of Experimental Clinical and Health Psychology, Ghent University, Ghent, Belgium; august: June 21, 2020).

**2020: Josefien Dedoncker** (Directors: Prof. Chris Baeken and Prof. Marie-Anne Vanderhasselt, Department of Head and Skin – Psychiatry and Medical Psychology, Ghent University, Ghent, Belgium; defense: June 30, 2020).

**2019: Erika Wauthia** (Director: Prof. Mandy Rossignol, Department of Psychology, UMon, Belgium; defense: June 26, 2019).

**2015: Emilie Schmits** (Directors: Prof. Etienne Quertemont and Prof. Michel Born, Department of Psychology, Université de Liège, Belgium; defense: June 19, 2015).

## CLINICAL ACTIVITIES

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2008 – 2013	<b>Mindfulness-Based Cognitive Therapy's instructor for patients with mood, anxiety, stress, or chronic pain disorders (group-size: 10 to 15 patients) (2 groups/year) –Department of Psychology, UCLouvain, Belgium.</b>
2007 – 2012	<b>Behaviour Therapist for (adult and elderly) patients with stress, anxiety, and mood disorders (8h/week) – Services de Consultations Psychologiques Spécialisées en trouble émotionnels, UCLouvain, Belgium [University Consulting Center for Emotional Disorders]</b>
2007	<b>Clinical Psychologist (aid) for people with motor and intellectual disability (2 months, full-time), Le Renivaux Residence, Ottignies, Belgium.</b>
2006	<b>Clinical psychologist (intern) for patients with psychotic disorders (4 days/week over a 6 month-period) – Psychiatry Unit, Brugmann University Hospital, Brussels, Belgium.</b>
2006	<b>Neuropsychologist (intern) in neuropsychological legal assessment (<i>Expertise légale en neuropsychologie</i>) (1 day/week over a 6-month period) – Services d'expertise médico-légale (Legal Expertise Unit), Brugmann University Hospital, Brussels, Belgium.</b>

## BIBLIOGRAHY

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*i. **Articles published in international peer-reviewed journals listed in the ISI Web of Science (the Science Citation Index, the Social Sciences Citation Index or the Arts and Humanities Citation Index)***

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111. **Heeren, A.**, & Asmundson, G. J. (2023). Understanding climate anxiety: What decision makers, health care providers, and the mental health community need to know to promote adaptive coping. *Journal of Anxiety Disorders*, 93, 102654. <https://doi.org/10.1016/j.janxdis.2022.102654>
110. **Heeren, A.**, Mougouama-Daouda, C., & McNally, R. J. (2023). A network approach to climate change anxiety and its key related features. *Journal of Anxiety Disorders*, 93, 102625. <https://doi.org/10.1016/j.janxdis.2022.102625>
109. Blanchard, M. A., Contreras, A., Kalkan, R. B., & **Heeren, A.** (2023). Auditing the research practices and statistical analyses of group-level temporal network approach to psychological constructs: A systematic scoping review. *Behavior Research Methods*, 55: 767-787 <https://doi.org/10.3758/s13428-022-01839-y>
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14. **Heeren, A.**, Ceschi, G., Valentiner, D. P., Dethier, V., & Philippot, P. (2013). Assessing public speaking fear with the short-form of the Personal Report of Confidence as a Speaker scale: Confirmatory factor analyses among a French-speaking community sample. *Neuropsychiatric Disease and Treatment*, 9, 609-618.
13. Eeckhout, C., Francaux, M., **Heeren, A.**, & Philippot, P. (2013). Assessment of decisional balance for regular physical exercise: Adaptation and validation of the Decisional Balance Scale for Exercise among a French sample. *European Review of Applied Psychology*, 63, 185-191.
12. Maurage, P., de Timary, P., Moulds, M. L., Wong, Q. J. J., Collignon, M., Philippot, P., & **Heeren, A.** (2013). Maladaptive social self-beliefs in alcohol-dependence: A specific bias towards excessive high standards. *PLoS ONE*, 8, (3), e58928.
11. **Heeren, A.**, Maurage, P., & Philippot, P. (2013). A Bayesian case-controls exploration of the malleability of attentional bias for threat in social phobia. *International Journal of Cognitive Therapy*, 6, 24-39.

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10. **Heeren, A.**, Peschard, V., & Philippot, P. (2012). The causal role of attentional bias to threat cues in social anxiety: A test on a cyber-ostracism task. *Cognitive Therapy and Research*, 36, 512-521
9. Rossignol, M., Campanella, S., Maurage, P., **Heeren, A.**, Falbo, L., & Philippot, P. (2012). Enhanced perceptual responses during visual processing of facial stimuli in young socially anxious individuals. *Neuroscience Letters*, 526, 68-73.
8. Maurage, P., Joassin, F., Philippot, P., **Heeren, A.**, Vermeulen, N., Mahau, P., Delperdange, C., Corneille, O., Luminet, O., & de Timary, P. (2012). Disrupted regulation of social exclusion in alcohol-dependence: An fMRI study. *Neuropsychopharmacology*, 37, 2067-2075
7. **Heeren, A.**, Maurage, P., Rossignol, M., Vanhaelen, M., Peschard, V., Eeckhout, C., & Philippot, P. (2012). The self-report version of the Liebowitz Social Anxiety Scale: Psychometric properties of the French version. *Canadian Journal of Behavioural Science*, 44, 99-107.
6. Grynberg, D., **Heeren, A.**, & Luminet, O. (2012). Development and validation of the Vicarious Distress Questionnaire. *Canadian Journal of Behavioural Science*, 44, 138-145
5. **Heeren, A.**, Reese, H. E., McNally, R. J., & Philippot, P. (2012). Attention training toward and away from threat in social phobia: Effects on subjective, behavioral, and physiological measures of anxiety. *Behaviour Research and Therapy*, 50, 30-39.

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4. **Heeren, A.**, Lievens, L., & Philippot, P. (2011). How does attention training work in social phobia: Disengagement from threat or reengagement to non-threat? *Journal of Anxiety Disorders*, 25, 1108-1115.
3. **Heeren, A.**, Douilliez, C., Peschard, V., Debrauwere, L., & Philippot, P. (2011). Cross-cultural consistency of the Five Facets Mindfulness Questionnaire: Adaptation and validation in a French sample. *European Review of Applied Psychology*, 61, 147-151.
2. **Heeren, A.** & Philippot, P. (2011). Changes in ruminative thinking mediate the clinical benefits of mindfulness: Preliminary findings. *Mindfulness*, 2, 8-13.

## 2009

1. **Heeren, A.**, Van Broeck, N., & Philippot, P. (2009). The effects of mindfulness training on executive processes and autobiographical memory specificity. *Behaviour Research and Therapy*, 47, 403-409.

## ii. Encyclopedia



**Heeren, A.** (2015). Anxiété. In *Encyclopedia Universalis* (Psychological sections Edited by X. Seron & M. Fayol).

**iii. Edited Book**

Kotsou, I. & **Heeren, A.** (2011). *Pleine Conscience & Acceptation: Les Thérapies de la Troisième Vague*. Bruxelles: Editions De Boeck.

**iv. Book chapters**

6. Blanchard, M. A., & **Heeren, A.** (2020). Ongoing and future challenges of the network approach to psychopathology: From theoretical conjectures to clinical translations. In G. Asmundson (Ed). *Comprehensive Clinical Psychology—2<sup>nd</sup> edition*. Amsterdam: Elsevier.
5. **Heeren, A.** (2016). Biais attentionnels et psychopathologie : De la recherche fondamentale à la recherche-développement en technologies thérapeutiques (pp. 147-166). In J.-L. Monestès & C. Baeyens (Eds.). *L'approche transdiagnostique en psychopathologie : Alternatives aux classifications nosographiques et perspectives thérapeutiques*. Paris : Editions Dunod.
4. Ceschi, G., **Heeren, A.**, Billieux, J., Van der Linden, M. (2015). Apprendre à négliger le mauvais côté des choses: La modification des biais cognitifs. In M. Van der Linden, G. Ceschi, & J. Billieux (Eds.). *Interventions en Psychopathologie Cognitive*. Paris: Editions De Boeck-Solal.
3. Philippot, P. & **Heeren, A.** (2014). L'entraînement informatisé des biais attentionnels et évaluatifs dans les troubles des émotions. In N. Nader-Grosbois, O. Luminet, & S. Van den Broucke (Eds.). *Articulations Clinique-Recherche: Des Outils nouveaux à la disposition du clinicien*. Louvain-la-Neuve: Presse Universitaire de Louvain.
2. Philippot, P. & **Heeren, A.** (2013) Mindfulness-based interventions: The dialectic of changing emotion by accepting them. In D. Hermans, B. Rime, & B. Mesquita (Eds.). *Changing Emotion*. New-York: Psychology Press. Psychology Press
1. **Heeren, A.** (2011). Processus psychologiques et pleine conscience : Au cœur de la troisième vague. In Kotsou, I. & Heeren, A. (Eds.). *Pleine Conscience & Acceptation: Les Thérapies de la Troisième Vague*. Bruxelles: Editions De Boeck.

**v. Articles published in international peer-reviewed journals that are not listed in the ISI Web of Science (the Science Citation Index, the Social Sciences Citation Index or the Arts and Humanities Citation Index) [these papers have been written for practitioners]**

7. Coussement, C. & **Heeren, A.** (2020). Repenser la comorbidité psychiatrique : Une revue conceptuelle sous l'angle de la comorbidité anxio-dépressive. *Revue Francophone de Clinique Comportementale et Cognitive*, 25, 2-32.
6. Krings, A. Blairy, S., Fontaine, P., Vandriette, Y.-M., & **Heeren, A.** (2017). Biais attentions et symptômes dépressifs: Quels sont leurs liens et leur association avec d'autres processus psychologiques? Résultats préliminaires. *Revue Francophone de Clinique Comportementale et Cognitive*, 22, 3, 15-21.
5. Deleuze, J., **Heeren, A.**, Billieux, J., de Timary, P., Philippot, P., & Maurage, P. (2013). Implication des biais d'attention sélective dans l'alcool-dépendance: Une revue conceptuelle et empirique. *Alcoologie et Addictologie*, 35, 127-135.
4. **Heeren, A.**, Brevers, D., Eeckhout, C., & Philippot, P. (2012). Evaluation et traitement du Syndrome de Gilles de la Tourette: Une revue empirique. *Revue Francophone de Clinique Comportementale et Cognitive*, 17, 8-18.

3. Heeren, A., Ceschi, G., & Philippot, P. (2012). Biais attentionnels et troubles émotionnels: De l'évaluation au changement clinique. *Revue Francophone de Clinique Comportementale et Cognitive*, 17, 24-41.
2. Heeren, A. & Philippot, P. (2010). Les interventions basées sur la pleine conscience: Une revue conceptuelle et empirique. *Revue Québécoise de Psychologie*, 31, 37-61.
1. Heeren, A. & Philippot, P. (2009). Les interventions basées sur la pleine conscience. *Revue Francophone de Clinique Comportementale et Cognitive*, 14, 13-23.

**vi. Book reviews**

4. Heeren, A. (2011). [Review of the book "*Musique & Evolution*", by I. Deliege, O., Vitouch, & O. Ladinig (Eds.)]. *Psychologos*, 26, 1, 20-21.
3. Heeren, A. (2009). [Review of the book "*Psychopathologie & Neurosciences: Questions Actuelles de Neurosciences Cognitives & Affectives*" by S. Campanella & E. Streel (Eds)]. *Psychologos*, 24, 4, pp. 50.
2. Heeren, A. (2009). [Review of the book "*Use and Abuses of Intelligence: Studies Advancing Spearman and Raven's Quest for Non-Arbitrary Metrics*" by John Raven & Jean Raven (Eds.)]. *Psychologos*, 24, 1, pp. 34.
1. Heeren, A. (2008). [Review of the book "*Traité de Psychopathologie Cognitive: Tome I. Bases Théoriques*" by M. Van der Linden & G. Ceschi (Eds)]. *Psychologos*, 23, 3, pp. 16.

**vii. Miscellaneous**

- Cougnon, L.-A., Hanseeuw, B., Heeren, A., & Lits, G. (2020). *Informer le public et générer une confiance envers les experts et les autorités en situation d'incertitude sur le long terme : apports croisés des théories du « public understanding of science », de « l'amplification sociale des risques » et du « traitement cognitif et de l'information »*. In Moreau, Y. et al. (ed). Societal exit from lockdown. Apport d'expertise académiques —contribution of academic expertise; In *Carta Academica*.

## ORAL COMMUNICATIONS

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### ***i. Invited talks and keynotes (as main speaker only)***

38. **Heeren, A.** (2023). *Santé mentale et changements climatiques... et de la question de l'éco-anxiété comme menace ou aubaine à la transition écologique*. Invited lecture series at « SCALAB » (Laboratory for Cognitive and Affective Sciences) at Université de Lille, Mai 4 2023, Lille, France.
37. **Heeren, A.** (2023). *Santé mentale et changements climatiques : De l'éco-anxiété comme menace ou opportunité pour la transition écologique*. Invited lecture series at « GRICE » (Groupe de Réflexion Interdisciplinaire sur la Crise Ecologique) at UCLouvain, May 16, 2023, Louvain-la-Neuve, Belgique.
36. **Heeren, A.** (2023). *Eco-Anxiété: menace ou aubaine pour l'adaptation au changement climatique*. Invited keynote at the Colloquium « La recherche face au monde de demain », HE VINCI, April 20, Louvain-la-Neuve, Belgium.
35. **Heeren, A.** (2023). *On Climate Change and Mental Health: What Decision-makers, Healthcare Providers, and the Mental Health Community Need to Know to Promote Resilience and Adaptation*. Invited conference at the colloquium "Mental health & resilience in times of polycrises", Belgian Superior Health Council, March 22, 2023, Brussels, Belgium.
34. **Heeren, A.** (2022). *Les défis que les enjeux climatiques posent aux services de soins de santé mentale*. Invited keynote lecture at « Défi écologiques et soins de santé : Comment préparer les futures soignants ? », Cliniques Universitaires Saint-Luc, December 12, Woluwé-Saint-Lambert, Belgique.
33. **Heeren, A.** (2022). *Invited panelist at « De l'égo à l'éco-anxiété: Les souffrances psychiques liées au changement climatique*. In series : « Défi écologiques et soins de santé : Comment préparer les futures soignants ? », Cliniques Universitaires Saint-Luc, December 12, Woluwé-Saint-Lambert, Belgique.
32. **Heeren, A.** (2022). *Santé mentale et changements climatiques : enjeux pour la psychiatrie et la psychologie clinique*. Invited keynote lecture at « Congrès Français de Psychiatrie », Lille Grand Palais, December 3, Lille, France.
31. **Heeren, A.** (2022). *Eco-santé mentale: Comment engager la responsabilité collective ? Table ronde invitée* (Invited Panelist, along with climate specialists, artists, mental health practitioners, and NGO representatives). Congrès Français de Psychiatrie », Lille Grand Palais, December 3, Lille, France.
30. **Heeren, A.** (2022). *Émotions, incertitudes et changements climatiques : Du rôle de nos émotions dans l'adaptation aux changements climatiques*. Conférence invitée au sein des journées d'étude « Éduquer aux changements climatiques et à la biodiversité », Ecotopie – laboratoire d'écopédagogie, 5-7 Sept, Malmedy, Belgium.
29. **Heeren, A.** (2022). *Changements climatiques, santé mentale et adaptation: apports de la psychopathologie de l'anxiété [Climate change, Mental Health, & Adaptation: Insights from anxiety-related psychopathology]*. Inaugural Keynote lecture at the Colloquium GREPACO (Groupe de Réflexion en Psychopathologie Cognitive), Université de Lausanne, May 30, Lausanne, Switzerland.
28. **Heeren, A.** (2022). *New research horizons on anxiety and related psychopathology: From reductionism to complexity*. Invited conference at "Laboratoire Activités Physiques et Sportives et processus psychologiques: recherche sur les vulnérabilités », Université de Nîmes, March 16. Nîmes, France
27. **Heeren, A.** (2021). *Anxiété face aux changements climatiques*. Invited talk at "One Health: Le pire n'est pas certain"; Colloquium organized by the Centre d'Action Laïque, November 26. Cité Miroir, Liège, Belgium.

26. **Heeren, A.** (2021). *Towards a complex and dynamic approach to stress and anxiety-related psychopathology*. Invited talk at the Annual meeting of the Psychological Sciences Research Institute, UCLouvain, April 19, Louvain-la-Neuve, Belgium.
25. **Heeren, A.** (2021). *Vers une approche non réductionniste, dynamique et intégrative en psychopathologie cognitive et expérimentale*. Invited conference at « Laboratoire Intra-Universitaire de Psychologie : Personnalité, Cognition, Changement Social », Université Grenoble Alpes, April 16, Grenoble, France.
24. **Heeren, A.** (2021). *Towards a network system-based approach to the (neuro)cognitive mechanisms of psychopathology*. Invited talk at « Seminars of the Research Unit in Psychology & Neuroscience of Cognition », University of Liège, March 26, Liège, Belgium.
23. **Heeren, A.** (2021). *Vers une approche non réductionniste, dynamique et intégrative de la psychopathologie des troubles anxieux et liés au stress*. Invited keynote at « Les lundis de la Psychiatrie » CHU Brugmann, Université Libre de Bruxelles, March 15, Brussels, Belgium.
22. **Heeren, A.** (2020). *Apports et enjeux de la théorie des graphes et des modèles d'analyse en réseau à la psychopathologie (neuro)cognitive*. Invited talk at the Centre de Recherche en Neuropsychologie et Cognition (CERNEC), Université de Montréal, December 18, Montréal, Canada. [online event due to the COVID-19 crisis].
21. **Heeren, A.** (2020). *Can we use network analysis and tools from graph theory to radically transform clinical psychology?* Invited talk at the Institute of Information and Communication Technologies, Electronics and Applied Mathematics (ICTEAM), Université catholique de Louvain, November, 24, Louvain-la-Neuve, Belgium. [online event due to the COVID-19 crisis].
20. **Heeren, A.** (2020). *Mapping out the interplay: Towards a network approach to anxiety- and stress-related processes*. Keynote (STAR early career award) address at the 41<sup>st</sup> Annual Conference of the Stress and Anxiety Research Society, July 15, Haifa, Israel. [online event due to the COVID-19 crisis].
19. **Hoebeker, Y. & Heeren, A.** (2020). *The impact of tDCS on rumination in clinical and nonclinical samples: A systematic review*. Invited talk at the Neurocognitive Psychopathology FNRS contact group meeting, Psychological Medicine Laboratory, Brugmann University Hospital, February 21, Brussels, Belgium.
18. **Heeren, A.** (2019). *Towards a network approach to the understanding of the neurocognitive interventions*. Invited talk at the Expert Meeting "Innovative interventions in depression combining cognitive interventions and non-invasive brain stimulation", Ghent University, September 12, Ghent, Belgium.
17. **Heeren, A.** (2019). *Organisation des soins en psychiatrie : que peut-on attendre des data sciences ?* Invited keynote at the Séminaire sur l'organisation des soins en psychiatrie : Une réflexion multi-niveaux, Cliniques Universitaires Saint-Luc, May 24, Woluwé-Saint-Lambert, Belgium.
16. **Heeren, A.** (2018). *A computational network approach to emotional disorders*. Invited talk at the Brown Bag Meeting of the Cognitive and Systems Neuroscience department, Université catholique de Louvain, February 8, Louvain-la-Neuve, Belgium.
15. **Heeren, A.** (2018). *Emotional disorders as complex dynamic systems*. Invited talk at the Seminars of the Ghent Experimental Psychiatry Lab, Department of Psychiatry, UZ Gent, January 9, Gent, Belgium.
14. **Heeren, A.** (2014). *Clinical psychology and attentional processes*. Invited talk at the Midi de l'Otologie, Service d'oto-rhino-laryngologie, Cliniques Universitaires Saint-Luc, April 24, Brussels, Belgium.
13. **Heeren, A. & Maurage, P.** (2014). « *Chocolate will make you smart* » or how to use correlations to justify whatever you want in science. Invited talk at the Institute of Statistics, Biostatistics and Actuarial Sciences (ISBA), Université catholique de Louvain, February 21, Louvain-la-Neuve, Belgium.

12. **Heeren, A.** (2013). *The neurocognitive mechanisms behind attention bias modification in anxiety: Proposals based on theoretical accounts of attentional bias*. Invited talk at the Centre de Recherche sur la Cognition et l'Apprentissage (CerCA), Université de Poitiers, December 19, Poitiers, France.
11. **Heeren, A.**, Mogoase, C., Philippot, P., & McNally, R. J. (2013). *Attention bias modification in social anxiety disorder: A quantitative meta-analysis*. Invited talk, McNally Lab, Harvard University, October 31, Cambridge, Massachusetts, USA.
10. **Heeren, A.** (2012). *Impact of transcranial direct current stimulation over the left dorsolateral prefrontal cortex during attention bias modification: an eye-tracking study*. Invited talk at the "Psychopathology and Affective Neuroscience Lab", Ghent University, October 16, Ghent, Belgium.
9. **Heeren, A.** (2012). *Effets de la malléabilité des biais d'attention sélective sur le maintien de l'anxiété: Désengagement de la menace ou réallocation vers la non-menace?* Invited talk at the Centre de Recherche sur la Cognition et l'Apprentissage (CerCA), Université de Poitiers, September 20, Poitiers, France.
8. **Heeren, A.** (2012). *Malléabilité des biais attentionnels et changement de comportement émotionnel: Perspectives nouvelles d'interventions*. Invited keynote at the Réunion Annuelle du Groupe de Contact FNRS en Tabacologie, CHU de Liège, March 10, Liège, Belgium.
7. Ceschi, G. & **Heeren, A.** (2012). *Always look on the bright side of life? The attention bias modification*. Invited talk at the Swiss Center for Affective Sciences, CISA - University of Geneva, January 31, Geneva, Switzerland.
6. **Heeren, A.** & Philippot, P. (2011). *The experimental manipulation of the different components of attention training in social phobia: A series of double-blind randomized controlled trials*. Invited talk at the Annual Neurocognitive Psychopathology FNRS-research group meeting", Psychological Medicine Laboratory, Brugmann Hospital, Université Libre de Bruxelles, May 6, Brussels, Belgium.
5. **Heeren, A.** (2011). *Le réentraînement attentionnel: Une nouvelle piste d'intervention psychologique dans la prise en charge des troubles émotionnels*. Invited talk at the Université of Geneva, March 30, Geneva, Switzerland.
4. Philippot, P. & **Heeren, A.** (2011). *The causal nature of attentional biases in social phobia*. Invited talk at the Radboud University, January 11, Nijmegen, The Netherlands.
3. **Heeren, A.** (2010). *Combining mindfulness training and neuropsychological rehabilitation: The case of executive processes*. Invited conference at the "Centre de Réadaptation Fonctionnelle Neurologique Ambulatoire pour adulte (CRFNA)", Hôpital Erasme, November 25, Brussels, Belgium
2. **Heeren, A.** & Philippot, P. (2010). *Réentraînement attentionnel dans la Phobie Sociale: Effets à un niveau comportemental, subjectif et physiologique*. Invited keynote at the "Fonctions exécutives et psychopathologies: Approches théoriques et cliniques" (Première Journée du Groupe de Réflexion en Psychopathologie Cognitive), May 25, Lille, France.
1. Joyeux, C. & **Heeren, A.** (2008). *Introduction to evidence-based psychological treatments for emotional disorders*. Invited conference at "Dodécagroupe de la Société Scientifique de Médecine Générale", November 07, Waterloo, Belgium

ii. **Talks at congresses and international conventions (with peer-review selection) as MAIN SPEAKER ONLY**

For brevity purpose, poster presentations are not shown.

31. **Heeren, A.** (2023). De la nature adaptative et maladaptative de l'éco-anxiété. Talks conducted at the "18<sup>th</sup> edition of the GREPACO, May 23, Louvain-la-Neuve, Belgique
30. **Heeren, A.** (2023). On the Adaptive and Maladaptive Nature of Climate Anxiety. Talks conducted at the 4<sup>th</sup> International Convention of Psychological Sciences, March 9, Brussels, Belgium.

29. **Heeren, A.** & Mougouama-Daouda, C (2022). Vers une approche fonctionnaliste et évolutionniste de l'éco-anxiété et de ses conséquences. Talk presented at the *Conférence sur la recherche interdisciplinaire et transdisciplinaire "Transition et Développement Durable"*, Université catholique de Louvain, Louvain-la-Neuve, Belgium, November 25, 2022, Louvain-la-Neuve, Belgium.
28. **Heeren, A.** (2022). Re-utiliser dans un monde de sur-abondance: vers une ré-utilisation transparente des données en psychologie (clinique)! Talk in A. Heeren & L. Fournier (Chair). *Enjeux méthodologiques, métriques et conceptuels de la recherche en psychopathologie*. Symposium conducted at the Colloquium GREPACO (Groupe de Réflexion en Psychopathologie Cognitive), Université de Lausanne, May 31, Lausanne, Switzerland.
27. **Heeren, A.** (2021). Bridging maladaptive social self-beliefs and social anxiety: A network approach. Talk in A. Heeren (Chair). *Recent advances in the network approach to stress- and anxiety-related psychopathology*. Symposium conducted at the 42<sup>nd</sup> Annual Conference of the Stress, Trauma, Anxiety, and Resilience society, July 7, Haifa, Israel.
26. **Heeren, A.** (2020). *Mapping out the interplay: Towards a network approach to anxiety- and stress-related processes*. Keynote (STAR early career award) address at the 41<sup>st</sup> Annual Conference of the Stress and Anxiety Research Society, July 15, Haifa, Israel. [online event due to the COVID-19 crisis].
25. **Heeren, A.** (2019). A network approach to the understanding of maladaptive social self-beliefs in social anxiety. In W.-G. Lange (Chair), *Observable and unobservable aspects of social anxiety: Hormones, behavior, cognition, and peer-evaluation*. Symposium conducted at the 1<sup>st</sup> European Congress on Clinical Psychology and Psychological Treatment of EACLIPT, November 1, Dresden, Germany.
24. **Heeren, A.** (2019). Symposium's discussant. In P.J. Jones (Chair), *A Symptom-Based Approach to Depression Using Network Analysis*. Symposium conducted at the 3<sup>rd</sup> International Convention of Psychological Sciences, March 8, Paris, France.
23. **Heeren, A.** & Coussement, C. (2019). Does change in attention control mediate the impact of anodal tDCS on attentional bias for threat? In A. Sanchez-Lopez (Chair), *Attention Dysregulation as a Central Mechanism of Anxiety and Depression: An Integrative View of Novel Approach to Modify Attentional Biases and How to Maximize its Clinical Transfer*. Symposium conducted at the 3<sup>rd</sup> International Convention of Psychological Sciences, March 8, Paris, France.
22. **Heeren, A.**, Bernstein, E.E., & McNally, R. J. (2019). Deconstructing trait anxiety: A network perspective. In P.J. Jones (Chair), *Beyond Symptoms: Network Analysis of Traits and Disordered Personality*. Symposium conducted at the 3<sup>rd</sup> International Convention of Psychological Sciences, March 9, Paris, France.
21. **Heeren, A.**, Bernstein, E.E., & McNally, R. J. (2018). Deconstructing trait anxiety: A network perspective. In R. J. McNally (Chair), *Beyond Symptoms: Novel Applications of Network Analysis in Clinical Psychology*. Symposium conducted at the 52<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, November 18, Washington, DC, USA.
20. **Heeren, A.**, Bernstein, E.E., & McNally, R. J. (2018). Deconstructing trait anxiety: A network perspective. In R. J. McNally (Chair), *Beyond Symptoms: Novel Applications of Network Analysis in Clinical Psychology*. Symposium conducted at the 52<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, November 18, Washington, DC, USA.
19. **Heeren, A.**, Jones, P.J., & McNally, R. J. (2018). Mapping network connectivity among symptoms of social anxiety and comorbid depression in people with social anxiety disorder. In R. J. McNally (Chair), *Advances in the Network Approach to Comorbid Psychopathology*. Symposium conducted at the 30<sup>th</sup> Annual Convention of the Association for Psychological Science, May 25, San Francisco, CA, USA.
18. **Heeren, A.** & McNally, R. J. (2017). Mapping network connectivity among symptoms of social anxiety and comorbid depression in people with social anxiety disorder. In N. Amir (Chair), *The utility of network analysis for CBT: Clinical integration*. Symposium conducted at the 51<sup>st</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, 2017, November 19, San Diego, CA, USA.

17. **Heeren, A.** & McNally, R.J. (2017). Social anxiety disorder as a densely interconnected symptom network. In R.J. McNally (Chair), *New development in network analysis of mental disorders*. Symposium conducted at the 29<sup>th</sup> Annual Convention of the Association for Psychological Science, May 26, Boston, MA, USA.
16. **Heeren, A.** & McNally, R.J. (2016). An Integrative Network Approach to Social Anxiety Disorder: The complex Dynamic Interplay among Attentional Bias for Threat, Attentional Control, and Symptoms. In R.J. McNally (Chair), *Envisioning the clinical integration of network analysis and CBT: New Developments*. Symposium conducted at the 50<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, 2016, October 29, New York City, NY, USA
15. **Heeren, A.**, Billieux, J., Philippot, P., de Raedt, R., Baeken, C., de Timary, P., Maurage, P., & Vanderhasselt, M.-A. (2016). Impact of transcranial direct current stimulation on attentional bias for threat: A proof-of-concept study among individuals with social anxiety disorder. In N. Amir and A.R. Carmona (Chair), *Neuromarkers and neuromodulation of attention bias modification*. Symposium conducted at the 50<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, 2016, October 30, New York City, NY, USA
14. **Heeren, A.**, Coussemont, C., & McNally, R.J. (2016). Untangling attention bias modification from emotion: A double-blind randomized experiment among individuals with social anxiety disorder. In C.E. Wittekind and A. Heeren (Chair), *Are we barking up the right tree? Mapping out the future of cognitive bias modification*. Symposium conducted at the 50<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, 2016, October 30, New York City, NY, USA
13. **Heeren, A.**, Philippot, P., & Koster, E. H. W. (2015). Impact of the Temporal Stability of Preexistent Attentional Bias for Threat on its Alteration through Attention Bias Modification. In A. Bernstein & A. Zvielli (Chair), *Biases of emotional attention: Emerging perspectives and their translational implications for intervention development*. Symposium conducted at the 49<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, November 14, Chicago, IL, USA.
12. **Heeren, A.** (2015). *Attention training in Social Anxiety: Past, present, and future*. Plenary session at the Annual Meeting of "Groupe de Réflexion en Psychopathologie Cognitive", Université de Poitiers, May 20<sup>th</sup>, Poitiers, France.
11. **Heeren, A.**, Mogoșe, C., Philippot, P., & McNally, R.J., (2015). *You should take the big picture into account! A systematic review and meta-analysis of the effects of attention bias modification for social anxiety*. Plenary session at the 2<sup>nd</sup> Rome Workshop on Experimental Psychopathology, March 20<sup>th</sup>, Rome, Italy.
10. **Heeren, A.**, Baeken, C., Vanderhasselt, M.-A., Philippot, P., & de Raedt, R. (2014). Impact of anodal and cathodal transcranial direct current stimulation over the left dorsolateral prefrontal cortex during attention bias modification: an eye-tracking study. In J. Kuckertz & N. Amir (Chair) and Y. Bar-Haim (Discussant), *Maximizing the effects of attention bias modification (ABM) for anxiety: How and for whom ABM works*. Symposium conducted at the 48<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, November 21, Philadelphia, PA, USA.
9. **Heeren, A.**, De Raedt, R., Koster, E.H.W., & Philippot P. (2013). *The (neuro)cognitive mechanisms behind attention bias modification in anxiety: Proposals based on theoretical accounts of attentional bias*. Plenary session at the Annual Meeting of "Groupe de Réflexion en Psychopathologie Cognitive", Université de Nanterre Paris Ouest la Défense, June, Paris, France.
8. **Heeren, A.**, Lievens, L., & Philippot, P. (2011). How does attention training work: Disengagement from threat or reengagement to non-threat? In M. van den Hout (Chair), *Basic processes: New development in anxiety processes*. Symposium conducted at the 39<sup>th</sup> Annual Conference and Workshop of the British Association for Behavioral and Cognitive Therapies, University of Surrey, July 21, Guildford, UK.
7. **Heeren, A.**, Lievens, L., & Philippot, P. (2011). How does attention training work in social phobia: Disengagement from threat or reengagement to non-threat? In M. Rossignol (Chair), *Cognitive processing of affective information in anxiety*. Symposium conducted at the Annual meeting of the Belgian Association for Psychological Science, Ghent University, May 27, Ghent, Belgium.

6. **Heeren, A.**, Peschard, V., & Philippot, P. (2010). The causal nature of attentional biases for threatening stimuli in the perception of social rejection. In Basic L. Bisenghi (Chair), *Cognitive and attention deficits in psychopathology*. Symposium conducted at the 40th annual meeting of the European Association for Behavioral and Cognitive Therapies, October 10, Milan, Italy.
5. **Heeren, A.**, Lievens, L., & Philippot, P. (2010). Mechanisms of action underlying attention training in Social Phobia: A randomized controlled trial. In Koster, E. & van Bockstaele, B. (Chairs), *Cognitive Bias Modification in Anxiety Disorders: Advances in Attentional Retraining*. Symposium conducted at the World Congress of Behavioral and Cognitive Therapies, June 03, Boston, Massachusetts, USA.
4. **Heeren, A.** & Philippot, P. (2010). The causal nature of attentional biases for threatening stimuli in the perception of social rejection. In A. Heeren (Chair), *Information-processing biases in emotional disorders: Perceptual and attentional processes*. Symposium conducted at the annual meeting of the Belgian Association for Psychological Science, Université Libre de Bruxelles, May 28, Brussels, Belgium.
3. **Heeren, A.** & Philippot, P. (2009). *Attention training in social phobia: Inducing either a positive bias, or a negative bias, or flexibility*. In N. Jokic-Begic (Chair), *Social Phobia*. Symposium conducted at the 39th Annual Meeting of the European Association for Behavioral and Cognitive Therapies, September 17, Dubrovnik, Croatia.
2. **Heeren, A.**, & Philippot, P. (2009). *Dissociating biased attentional engagement and disengagement from threat stimuli in Social Phobia*. Talk conducted at the 16th Conference of the International Society for Research on Emotion, August 08, Leuven, Belgium.
1. **Heeren, A.** & Philippot, P. (2009). *Attention training in social phobia: Inducing either a positive bias, or a negative bias, or flexibility*. Talk conducted at the Annual Meeting of the Belgian Association for Psychological Science, Vrije Universiteit van Brussels, June 03, Brussels, Belgium.

iii. **Symposium chair to congresses and conventions (with peer-review selection)**

10. **Heeren, A.** (2023). Science sans conscience n'est que ruine de l'âme ! Des défis conceptuels, métriques et statistiques de la recherche contemporaine en psychopathologie, Symposium conducted at the Colloquium GREPACO (Groupe de Réflexion en Psychopathologie Cognitive), UCLouvain, May 22, Louvain-la-Neuve, Belgium.
9. **Heeren, A.** (2023). De l'imparfait du présent à l'incertain du futur : (dys)régulation des émotions et détresse psychologique en contexte de crise écologique. Symposium conducted at the Colloquium GREPACO (Groupe de Réflexion en Psychopathologie Cognitive), UCLouvain, May 23, Louvain-la-Neuve, Belgium.
8. **Heeren, A.** (2023). From Climate Anxiety to Pro-Environmental Behaviors: How Anxiety-Related Mechanisms Can Foster or Thwart Adaptation to Climate Change. Symposium conducted at the 4<sup>th</sup> International Convention of Psychological Sciences, March 9, Brussels, Belgium.
7. **Heeren, A.** & Fournier, L. (2022). *Enjeux méthodologiques, métriques et conceptuels de la recherche en psychopathologie*. Symposium conducted at the Colloquium GREPACO (Groupe de Réflexion en Psychopathologie Cognitive), Université de Lausanne, May 31, Lausanne, Switzerland.
6. **Heeren, A.** (2021). *Targeting Rumination via Attention Control: Towards New Translational Perspectives for Stress- and Anxiety-Related Psychopathology*. Symposium conducted at the 42<sup>nd</sup> Annual Conference of the Stress, Trauma, Anxiety, and Resilience society, July 7, Haifa, Israel.
5. **Heeren, A.** (2021). *Recent advances in the network approach to stress- and anxiety-related psychopathology*. Symposium conducted at the 42<sup>nd</sup> Annual Conference of the Stress, Trauma, Anxiety, and Resilience society, July 7, Haifa, Israel.
4. Vanderhasselt, M.-A. & **Heeren, A.** (2021). *Application of non-invasive neuromodulation tools in clinical psychology: From basic affective neurosciences to clinical translations*, Symposium conducted at



the annual meeting of the Belgian Association for Psychological Science, Université catholique de Louvain, May 28, Louvain-la-Neuve, Belgium.

3. Wittekind, C. & Heeren, A. (2016). *Are we barking up the right tree? Mapping out the future of cognitive bias modification*. Symposium conducted at the 50<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, 2016, October 30, New York City, NY, USA
2. Koster, E.H.W. & Heeren, A. (2013). *Biased information processing and emotional disorders: From new assessment's directions to future avenues in cognitive bias modification*. Symposium conducted at the Annual Meeting of the Belgian Association for Psychological Science, Université catholique de Louvain, May 28, Louvain-la-Neuve, Belgium.
1. Heeren, A. (2010). *Information-processing biases in emotional disorders: Perceptual and attentional processes*. Symposium conducted at the Annual Meeting of the Belgian Association for Psychological Science, Université Libre de Bruxelles, May 28, Brussels, Belgium.

#### **IV. Workshops for professionals**

8. Heeren, A. (2023). Graph theory and network analyses for psychologists and neuroscientists. Invited workshop for researchers at the Université de Luxembourg, April 26-28 (15h-duration). Belval, Luxembourg.
7. Heeren, A. (2022). Graph theory and network analyses for psychologists and neuroscientists. Invited workshop for researchers at the Université de Luxembourg, April 27-29 (15h-duration). Belval, Luxembourg.
6. Heeren, A. (2022). Network analysis in *psychological data*. Invited workshop for clinical scientists at "Laboratoire Activités Physiques et Sportives et processus psychologiques: recherche sur les vulnérabilités », Université de Nîmes, March 16 and 17 (8h). Nîmes, France
5. Heeren, A. (2020). *Comment prendre en compte l'anxiété dans mes pratiques éducatives ?* One half-day online workshop for teachers in environmental issues at the « Formations de l'Institut d'Eco-Pédagogie (en collaboration avec le Réseau Idée et le Point Culture), June 22, Liège, Belgium.
4. Heeren, A. (2018). *Littérature scientifique pour intervenants des programmes de réduction du stress basés sur la pleine conscience*. 8h-workshop at the "formation continue pour instructeur MBSR", Dec 15, Dongelberg, Belgium
3. Philippot, P. & Heeren, A. (2013). *Computerized treatment for emotional disorders*. 3-hour in-congress workshop at the "Forum Clinique du Centre de Recherche en Santé et Développement Psychologique", May 17, Louvain-la-Neuve, Belgium
2. Philippot, P. & Heeren, A. (2012). *Using Web-based resources for retraining attentional and evaluative biases in emotional disorders*. 4-hour in-congress workshop at the Annual Congress of the European Association for Behavioural and Cognitive Therapy, August 31, Geneva, Switzerland.
1. Heeren, A. (2011). *Attention bias modification for anxiety disorders: Past, present, and future*. 2-hour in-congress workshop at the "Journée Scientifique du Groupe de Réflexion en Psychopathologie Cognitive", December 19, Ittre, Belgium.

#### **V. Outreach conferences (for a general, non-expert large audience)**

9. Heeren, A. (2022, December 3). *Eco-stress, éco-anxiété, éco-colère :Quels horizons pour la santé mentale des citoyens*. Journée Grand Public de l'Association Française de Psychiatrie, Théâtre Louis Pasteur, Zenith de Lille, Lille, France.
8. Heeren, A. (2018, April 26). *Are psychologists getting off the couch?* Talk at TEDxUclouvain, Louvain-la-Neuve, Belgium. [<https://youtu.be/R9OtUn4hYpE>]

7. **Heeren, A.** (2010, December 21). *Le réentrainement attentionnel: Une nouvelle méthode psychothérapeutique pour réduire l'anxiété sans médicament ni thérapeute*. Invited public lecture presented at the Cycle des Conférences de l'Institut de Recherche en Sciences Psychologiques, Université catholique de Louvain, Louvain-la-Neuve, Belgium.
6. Géonet, M. & **Heeren, A.** (2010, March 02). *Phobies intéroceptives et hypocondrie: Comment vivre avec la peur de mourir?* Public lecture presented at the Cycle de Conférences des Consultations Psychologiques Spécialisées, Université catholique de Louvain, Louvain-la-Neuve, Belgium
5. **Heeren, A.** (2009, November 3). *Comment faire face à l'anxiété sociale et la timidité excessive ?* Public lecture presented at the Cycle des Conférences des Consultations Psychologiques Spécialisées, Université catholique de Louvain, Louvain-la-Neuve, Belgium.
4. Vrielynck, N. & **Heeren, A.** (2009, May 26). *Apprivoiser ses peurs*. Public lecture presented at the Cycle des Conférences des Consultations Psychologiques Spécialisées, Université catholique de Louvain, Louvain-la-Neuve, Belgium.
3. **Heeren, A.** & Géonet, M. (2009, January 20). *Quand la psychologie s'intéresse au bonheur*. Public lecture presented at the Cycle des Conférences des Consultations Psychologiques Spécialisées, Université catholique de Louvain, Louvain-la-Neuve, Belgium.
2. Nef, F. & **Heeren, A.** (2008, May 06). *Comment gérer ses émotions par la méditation par la pleine conscience?* Public lecture presented at the Cycle des Conférences des Consultations Psychologiques Spécialisées, Université catholique de Louvain, Louvain-la-Neuve, Belgium.
1. **Heeren, A.** & Philippart, C. (2008, March 18). *Le trouble obsessionnel compulsifs chez l'enfant et l'adolescent: Thérapie comportementale*. Public Lecture presented at the Cycle des Conférences des Consultations Psychologiques Spécialisées, Université catholique de Louvain, Louvain-la-Neuve, Belgium.