# Hao-Ting Wang, PhD

## Postdoctral Researcher in neuroimaging and neuroinformatics

Centre de recherche de l'Institut universitaire de gériatrie de Montréal (CRIUGM) Montréal, Quebéc, Canada

#### RESEARCH POSITIONS

Postdoctral Researcher Sept. 2021 – Present Centre de recherche de l'Institut universitaire de gériatrie de Montréal (CRIUGM) Montréal, QC, Canada

Principal Investigator: Prof Pierre Bellec

Software for neuroimaging and neurodegeneration biomarker discovery.

Research Fellow Sept. 2019 – Aug. 2021 Brighton, United Kingdom

Sackler Centre for Consciousness Science, University of Sussex

Principal Investigators: Prof Hugo Critchley, Prof Sarah Garfinkle Cognitive processes in psychiatric conditions with neuroimaging and physiology measures.

Postdoctoral Research Associate Nov. 2018 - Aug. 2019

York, United Kingdom

University of York

Principal Investigator: Prof Jonathan Smallwood Working on the European Research Council funded project—Wandering Minds

Oct. 2015 - Oct. 2018 Research Administrator

University of York York, United Kingdom

Principal Investigators: Prof Jonathan Smallwood and Prof Elizabeth Jefferies

Experiment design, project management, neuroimaging analysis pipeline development

#### **EDUCATION**

PhD in Cognitive Neuroscience and Neuroimaging Sept. 2015 – Dec. 2018 University of York York, United Kingdom

Supervisors: Prof Jonathan Smallwood and Prof Elizabeth Jefferies

Thesis: "Towards an Ontology of Ongoing Thought"

Master of Research in Psychology Sept. 2013 – Sept. 2014 University of York York, United Kingdom

BSc in Psychology Sept. 2009 - June 2013

National Chengchi University Taipei, Taiwan

## AWARDS AND SCHOLARSHIPS

#### **Scholarships**

2022 - 2024 Institut de valorisation des données (IVADO): Postdoctoral scholarship. QC, Canada. (CAD\$ 70,000)

2022 UNIQUE: UNIQUE Excellence Scholarship. QC, Canada. (CAD\$ 20,000; declined)

2019 Sackler Foundation: postdoctral research fellowship. Brighton, United Kingdom (Two-year salary; £33,199 per annum)

## Awards

2017 Guarantors of Brain Travel Award: Machine Learning Summer School. Tübingen, Germany (£600)

2016 The Neuro Bureau Travel Award: Brainhack Vienna, Vienna, Austria (\$500)

2014 University of York Department Summer Bursary Award. York, United Kingdom (£1000)

#### **Preprint**

[Wang et al.(2023)Wang, Meisler, Sharmarke, Clarke, Gensollen, Markiewicz, Paugam, Thirion, and Bellec] Hao-Ting Wang, Steven L Meisler, Hanad Sharmarke, Natasha Clarke, Nicolas Gensollen, Christopher J. Markiewicz, François Paugam, Bertrand Thirion, and Pierre Bellec. Continuous evaluation of denoising strategies in resting-state fMRI connectivity using fMRIPrep and Nilearn, April 2023. 10.1101/2023.04.18.537240.

## Consortion

[Gau and Community(2021)] Remi Gau and Brainhack Community. Brainhack: developing a culture of open, inclusive, community-driven neuroscience. *Neuron*, 109:1769–1775, 2021. doi: 10.1016/j.neuron.2021.04.001.

## Peer-Reviewed Journals

- [Wang et al.(2020a)Wang, Smallwood, Mourao-Miranda, Xia, Satterthwaite, Bassett, and Bzdok] Hao-Ting Wang, Jonathan Smallwood, Janaina Mourao-Miranda, Cedric Huchuan Xia, Theodore D. Satterthwaite, Danielle S. Bassett, and Danilo Bzdok. Finding the needle in a high-dimensional haystack: Canonical correlation analysis for neuroscientists. *NeuroImage*, 216:116745, August 2020a. ISSN 10538119. doi: 10.1016/j.neuroimage.2020.116745.
- [Wang et al.(2020b)Wang, Ho, Bzdok, Bernhardt, Margulies, Jefferies, and Smallwood] Hao-Ting Wang, Nerissa Siu Ping Ho, Danilo Bzdok, Boris C. Bernhardt, Daniel S. Margulies, Elizabeth Jefferies, and Jonathan Smallwood. Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel. Scientific Reports, 10(1):11904, July 2020b. ISSN 2045-2322. doi: 10.1038/s41598-020-67605-2.
- [Wang et al.(2018a)Wang, Bzdok, Margulies, Craddock, Milham, Jefferies, and Smallwood] Hao-Ting Wang, Danilo Bzdok, Daniel S. Margulies, R. Cameron Craddock, Michael P. Milham, Elizabeth Jefferies, and Jonathan Smallwood. Patterns of thought: Population variation in the associations between large-scale network organisation and self-reported experiences at rest. NeuroImage, 176(1):518–527, August 2018a. ISSN 10538119. doi: 10.1016/j.neuroimage.2018.04.064.
- [Wang et al.(2018b)Wang, Poerio, Murphy, Bzdok, Jefferies, and Smallwood] Hao-Ting Wang, Giulia L. Poerio, Charlotte E. Murphy, Danilo Bzdok, Elizabeth Jefferies, and Jonathan Smallwood. Dimensions of Experience: Exploring the Ontology of the Wandering Mind. *Psychological Science*, 29(1):56–71, November 2018b. ISSN 0956-7976. doi: 10.1177/0956797617728727.
- [Strawson et al.(2022)Strawson, Wang, Quadt, Sherman, Larsson, Davies, Mckeown, Silva, Fielding-Smith, Jones, and others] Will H Strawson, Hao-Ting Wang, Lisa Quadt, Maxine Sherman, Dennis EO Larsson, Geoff Davies, Brontë LA Mckeown, Marta Silva, Sarah Fielding-Smith, Anna-Marie Jones, and others. Voice hearing in borderline personality disorder across perceptual, subjective, and neural dimensions. *International Journal of Neuropsychopharmacology*, 25(5):375–386, 2022. doi: 10.1093/ijnp/pyab093. Publisher: Oxford University Press US.
- [Del Río et al.(2022)Del Río, Racey, Ren, Qiu, Wang, and Ward] Magdalena Del Río, Chris Racey, Zhiting Ren, Jiang Qiu, Hao-Ting Wang, and Jamie Ward. Higher Sensory Sensitivity is Linked to Greater Expansion Amongst Functional Connectivity Gradients. *Journal of Autism and Developmental Disorders*, pages 1–19, 2022. doi: 10.1007/s10803-022-05772-z. Publisher: Springer.
- [Sherman et al.(2022)Sherman, Wang, Garfinkel, and Critchley] Maxine T Sherman, Hao-Ting Wang, Sarah N Garfinkel, and Hugo D Critchley. The Cardiac Timing Toolbox (CaTT): Testing for physiologically plausible effects of cardiac timing on behaviour. *Biological Psychology*, 170:108291, 2022. doi: 10.1016/j.biopsycho.2021.108291. Publisher: Elsevier.
- [Smallwood et al.(2021)Smallwood, Turnbull, Wang, Ho, Poerio, Karapanagiotidis, Konu, Mckeown, Zhang, Murphy, Vatansever, Bz Jonathan Smallwood, Adam Turnbull, Hao-Ting Wang, Nerissa S.P. Ho, Giulia L. Poerio, Theodoros Karapanagiotidis, Delali Konu, Brontë Mckeown, Meichao Zhang, Charlotte Murphy, Deniz Vatansever, Danilo Bzdok, Mahiko Konishi, Robert Leech, Paul Seli, Jonathan W. Schooler, Boris Bernhardt, Daniel S. Margulies, and Elizabeth Jefferies. The neural correlates of ongoing conscious thought. *iScience*, 24(3):102132, 2021. ISSN 2589-0042. doi: 10.1016/j.isci.2021.102132.
- [Ho et al.(2020)Ho, Baker, Karapanagiotidis, Seli, Wang, Leech, Bernhardt, Margulies, Jefferies, and Smallwood] Nerissa Siu Ping Ho, Daniel Baker, Theodoros Karapanagiotidis, Paul Seli, Hao Ting Wang, Robert Leech, Boris Bernhardt, Daniel Margulies, Elizabeth Jefferies, and Jonathan Smallwood. Missing the forest because of the trees: slower alternations during binocular rivalry are associated with lower levels of visual detail during ongoing thought. *Neuroscience of Consciousness*, 2020(1), January 2020. doi: 10.1093/nc/niaa020.

- [Turnbull et al.(2020)Turnbull, Karapanagiotidis, Wang, Bernhardt, Leech, Margulies, Schooler, Jefferies, and Smallwood] Adam Turnbull, Theodoros Karapanagiotidis, Hao-Ting Wang, Boris C. Bernhardt, Robert Leech, Daniel Margulies, Jonathan Schooler, Elizabeth Jefferies, and Jonathan Smallwood. Reductions in task positive neural systems occur with the passage of time and are associated with changes in ongoing thought. *Scientific Reports*, 10(1):9912, December 2020. ISSN 2045-2322. doi: 10.1038/s41598-020-66698-z.
- [Mckeown et al.(2020)Mckeown, Strawson, Wang, Karapanagiotidis, Vos de Wael, Benkarim, Turnbull, Margulies, Jefferies, McCall, Brontë Mckeown, Will H. Strawson, Hao-Ting Wang, Theodoros Karapanagiotidis, Reinder Vos de Wael, Oualid Benkarim, Adam Turnbull, Daniel Margulies, Elizabeth Jefferies, Cade McCall, Boris Bernhardt, and Jonathan Smallwood. The relationship between individual variation in macroscale functional gradients and distinct aspects of ongoing thought.

  NeuroImage, 220:117072, October 2020. ISSN 10538119. doi: 10.1016/j.neuroimage.2020.117072.
- [Konu et al.(2020)Konu, Turnbull, Karapanagiotidis, Wang, Brown, Jefferies, and Smallwood] Delali Konu, Adam Turnbull, Theodoros Karapanagiotidis, Hao-Ting Wang, Lydia Rebecca Brown, Elizabeth Jefferies, and Jonathan Smallwood. A role for the ventromedial prefrontal cortex in self-generated episodic social cognition. *NeuroImage*, 218:116977, September 2020. ISSN 10538119. doi: 10.1016/j.neuroimage.2020.116977.
- [Turnbull et al.(2019a)Turnbull, Wang, Murphy, Ho, Wang, Sormaz, Karapanagiotidis, Leech, Bernhardt, Margulies, Vatansever, Jef A. Turnbull, H. T. Wang, C. Murphy, N. S. P. Ho, X. Wang, M. Sormaz, T. Karapanagiotidis, R. M. Leech, B. Bernhardt, D. S. Margulies, D. Vatansever, E. Jefferies, and J. Smallwood. Left dorsolateral prefrontal cortex supports context-dependent prioritisation of off-task thought. *Nature Communications*, 10(1), December 2019a. ISSN 2041-1723. doi: 10.1038/s41467-019-11764-y.
- [Murphy et al.(2019a)Murphy, Poerio, Sormaz, Wang, Vatansever, Allen, Margulies, Jefferies, and Smallwood] Charlotte Murphy, Giulia Poerio, Mladen Sormaz, Hao-Ting Wang, Deniz Vatansever, Micah Allen, Daniel S. Margulies, Elizabeth Jefferies, and Jonathan Smallwood. Hello, is that me you are looking for? A re-examination of the role of the DMN in social and self relevant aspects of off-task thought. *PLOS ONE*, 14(11):e0216182, November 2019a. ISSN 1932-6203. doi: 10.1371/journal.pone.0216182.
- [Murphy et al.(2019b)Murphy, Wang, Konu, Lowndes, Margulies, Jefferies, and Smallwood] Charlotte Murphy, Hao-Ting Wang, Delali Konu, Rebecca Lowndes, Daniel S. Margulies, Elizabeth Jefferies, and Jonathan Smallwood. Modes of operation: A topographic neural gradient supporting stimulus dependent and independent cognition. *NeuroImage*, 186: 487–496, February 2019b. ISSN 10538119. doi: 10.1016/j.neuroimage.2018.11.009.
- [Turnbull et al.(2019b)Turnbull, Wang, Schooler, Jefferies, Margulies, and Smallwood] Adam Turnbull, Hao-Ting Wang, Jonathan W. Schooler, Elizabeth Jefferies, Daniel S. Margulies, and Jonathan Smallwood. The ebb and flow of attention: Between-subject variation in intrinsic connectivity and cognition associated with the dynamics of ongoing experience. NeuroImage, 185:286–299, January 2019b. ISSN 1053-8119. doi: 10.1016/j.neuroimage.2018.09.069.
- [Martinon et al.(2019)Martinon, Riby, Poerio, Wang, Jefferies, and Smallwood] Léa M. Martinon, Leigh M. Riby, Giulia Poerio, Hao-Ting Wang, Elizabeth Jefferies, and Jonathan Smallwood. Patterns of on-task thought in older age are associated with changes in functional connectivity between temporal and prefrontal regions. *Brain and Cognition*, 132:118–128, 2019. ISSN 0278-2626. doi: 10.1016/j.bandc.2019.04.002.
- [Krieger-Redwood et al.(2019)Krieger-Redwood, Wang, Poerio, Martinon, Riby, Smallwood, and Jefferies] Katya Krieger-Redwood, Hao-Ting Wang, Giulia Poerio, Léa M. Martinon, Leigh M. Riby, Jonathan Smallwood, and Elizabeth Jefferies. Reduced semantic control in older adults is linked to intrinsic dmn connectivity. *Neuropsychologia*, 132:107133, 2019. ISSN 0028-3932. doi: 10.1016/j.neuropsychologia.2019.107133.
- [Sormaz et al.(2018)Sormaz, Murphy, Wang, Hymers, Karapanagiotidis, Poerio, Margulies, Jefferies, and Smallwood] Mladen Sormaz, Charlotte Murphy, Hao-ting Wang, Mark Hymers, Theodoros Karapanagiotidis, Giulia Poerio, Daniel S. Margulies, Elizabeth Jefferies, and Jonathan Smallwood. Default mode network can support the level of detail in experience during active task states. *Proceedings of the National Academy of Sciences*, 115(37):9318–9323, September 2018. ISSN 0027-8424, 1091-6490. doi: 10.1073/pnas.1721259115.
- [Murphy et al.(2018)Murphy, Jefferies, Rueschemeyer, Sormaz, Wang, Margulies, and Smallwood] Charlotte Murphy, Elizabeth Jefferies, Shirley-Ann Rueschemeyer, Mladen Sormaz, Hao-ting Wang, Daniel S. Margulies, and Jonathan Smallwood. Distant from input: Evidence of regions within the default mode network supporting perceptually-decoupled and conceptually-guided cognition. *NeuroImage*, 171(2018):393–401, May 2018. ISSN 10538119. doi: 10.1016/j.neuroimage. 2018.01.017.
- [Villena-Gonzalez et al.(2018)Villena-Gonzalez, ting Wang, Sormaz, Mollo, Margulies, Jefferies, and Smallwood] Mario Villena-Gonzalez, Hao ting Wang, Mladen Sormaz, Giovanna Mollo, Daniel S. Margulies, Elizabeth A. Jefferies, and

- Jonathan Smallwood. Individual variation in the propensity for prospective thought is associated with functional integration between visual and retrosplenial cortex. *Cortex*, 99:224–234, 2018. ISSN 0010-9452. doi: 10.1016/j.cortex.2017.11.015.
- [Poerio et al.(2017)Poerio, Sormaz, Wang, Margulies, Jefferies, and Smallwood] Giulia L. Poerio, Mladen Sormaz, Hao-Ting Wang, Daniel S. Margulies, Elizabeth Jefferies, and Jonathan Smallwood. The role of the default mode network in component processes underlying the wandering mind. *Social Cognitive and Affective Neuroscience*, 104(7):6430–5, March 2017. ISSN 1749-5016. doi: 10.1093/scan/nsx041.
- [Vatansever et al.(2017)Vatansever, Bzdok, Wang, Mollo, Sormaz, Murphy, Karapanagiotidis, Smallwood, and Jefferies] Deniz Vatansever, Danilo Bzdok, Hao-Ting Wang, Giovanna Mollo, Mladen Sormaz, Charlotte E. Murphy, Theodoros Karapanagiotidis, Jonathan Smallwood, and Elizabeth Jefferies. Varieties of semantic cognition revealed through simultaneous decomposition of intrinsic brain connectivity and behaviour. *NeuroImage*, 158(1):1–11, 2017. ISSN 10538119. doi: 10.1016/j.neuroimage.2017.06.067.
- [Sanders et al.(2017)Sanders, Wang, Schooler, and Smallwood] Jet G. Sanders, Hao-Ting Wang, Jonathan Schooler, and Jonathan Smallwood. Can i get me out of my head? exploring strategies for controlling the self-referential aspects of the mind-wandering state during reading. Quarterly Journal of Experimental Psychology, 70(6):1053–1062, 2017. doi: 10.1080/17470218.2016.1175099.
- [Smallwood et al.(2016)Smallwood, Karapanagiotidis, Ruby, Medea, de Caso, Konishi, Wang, Hallam, Margulies, and Jefferies] Jonathan Smallwood, Theodoros Karapanagiotidis, Florence Ruby, Barbara Medea, Irene de Caso, Mahiko Konishi, Hao-Ting Wang, Glyn Hallam, Daniel S. Margulies, and Elizabeth Jefferies. Representing Representation: Integration between the Temporal Lobe and the Posterior Cingulate Influences the Content and Form of Spontaneous Thought. *PLOS ONE*, 11(4):e0152272, April 2016. ISSN 1932-6203. doi: 10.1371/journal.pone.0152272.

#### Conference Posters

- [Wang et al.(2023)Wang, Meisler, Sharmarke, Clarke, Gensollen, Markiewicz, Paugam, Thirion, and Bellec] Hao-Ting Wang, Steven L Meisler, Hanad Sharmarke, Natasha Clarke, Nicolas Gensollen, Christopher J. Markiewicz, François Paugam, Bertrand Thirion, and Pierre Bellec. A reproducible benchmark of fMRI denoising strategies in fMRIPrep and Nilearn. Montreal, QC, Canada, 7 2023. OHBM.
- [Wang et al.(2022a)Wang, Clarke, Meisler, Sharmarke, Gensollen, Markiewicz, Paugam, Thirion, and Bellec] Hao-Ting Wang, Natasha Clarke, Steven L Meisler, Hanad Sharmarke, Nicolas Gensollen, Christopher J. Markiewicz, François Paugam, Bertrand Thirion, and Pierre Bellec. A reproducible benchmark of fMRI denoising strategies in fMRIPrep and Nilearn. Montreal, Canada, 10 2022a. IVADO.
- [Wang et al.(2022b)Wang, Meisler, Sharmarke, Gensollen, Markiewicz, Paugam, Thirion, and Bellec] Hao-Ting Wang, Steven L Meisler, Hanad Sharmarke, Nicolas Gensollen, Christopher J. Markiewicz, François Paugam, Bertrand Thirion, and Pierre Bellec. Impact of confound removal strategies on functional connectivity generated from fmriprep preprocessed data. Glasgow, United Kingdom, 6 2022b. OHBM.
- [Wang et al.(2020)Wang, Rae, Davies, Gould van Praag, Seth, Critchley, and Garfinkel] Hao-Ting Wang, Charlotte Rae, Geoff Davies, Cassandra Gould van Praag, Anil Seth, Hugo Critchley, and Sarah Garfinkel. Insula hypoactivation is associated with dissociative experiences. Virtual Conference, 6 2020. OHBM.
- [Wang et al.(2019a)Wang, Ping Ho, Bzdok, Bernhardt, Margulies, Jefferies, and Smallwood] Hao-Ting Wang, Nerissa Siu Ping Ho, Danilo Bzdok, Boris C. Bernhardt, Daniel S. Margulies, Elizabeth Jefferies, and Jonathan Smallwood. Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel. Seattle, USA, 8 2019a. Neurohackademy.
- [Wang et al.(2019b)Wang, Ping Ho, Bzdok, Bernhardt, Margulies, Jefferies, and Smallwood] Hao-Ting Wang, Nerissa Siu Ping Ho, Danilo Bzdok, Boris C. Bernhardt, Daniel S. Margulies, Elizabeth Jefferies, and Jonathan Smallwood. Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel. Rome, Italy, 6 2019b. OHBM.

## **TALKS**

- 2023 Hackathon and Early Career Development. OHBM 2023. Montreal, QC, Canada.
- 2023 Fantastic open source projects and how to find them. UNIQUE Student Symposium 2023. Montreal, QC, Canada.
- 2023 A reproducible benchmark of fMRI denoising strategies in fMRIPrep and Nilearn.
  - Q-BIN Science Day. Quebec City, QC, Canada. 2023
- 2022 load\_confounds. Neuroimaging in Montreal. Montreal, QC, Canada.
- 2021 Panel speaker on neuroinformatics at University of Texas Brainstorms
- 2021 Panel speaker on academic career at MAIN 2021
- 2021 Panel speaker at SciPy2021 Biology and Neuroscience mini-symposium
- 2021 Canonical correlation analysis application in neuroimaging data, Queen's University, Kingston, Canada
- 2019 Recent trend in resting-state functional connectivity, University of Sussex, Brighton, UK
- 2019 Data simulation workshop, University of York, York, UK
- 2019 Multivariate mapping of functional brain and behaviour, Child Mind Institute, New York, USA
- 2018 Small steps to reproducible science, University of York, York, UK

#### PROFESSIONAL SERVICE

# Committees

Oct. 2022 – June 2023 Oct. 2021 – Sep. 2022	Brainhack school organiser, Montreal, QC, Canada Hackathon Chair, Open Science special interest group, OHBM, Glasgow, UK
Mar. 2020 – Aug. 2021	ECR representative, Sussex Neuroscience Steering Committee, University of Sussex
Jun. 2021	OHBM Sparkle special task force, OHBM, virtual.
Jun. 2021	Live Q & A cohost and general enquiry, OHBM Brainhack, virtual.
Jun. 2020	Teaching assistant, OHBM Brainhack, virtual.
Oct. 2018 – Aug. 2019	Member, Open Science Interest Group, University of York
Oct. 2018 – Aug. 2019	Member, Early Career Researcher forum, University of York
Mar. 2017	Organizing committee, Brainhack York, York, UK.

#### Open source software

2021 - present	NiLearn	Core developer.
2021	$load\_confounds$	Core developer.
2020	Brainhack book	Contributor and maintainer.
2020 - 2021	Pydra-FSL	Contributor and maintainer.
2019	NiBable	Contributor and reviewer.

#### **MEMBERSHIP**

Organization of Human Brain Mapping (OHBM); Open Science Special Interest Group, OHBM.

## AD-HOC PEER REVIEW

Aperture Neuro, Advances in Methods and Practices in Psychological Science, Brain Imaging and Behavior, Communications Biology, Journal of Open Source Software, NeuroImage, Neuroinformatics, Neurobiology of Aging

#### TECHNICAL EXPERTISE

Overview: Functional magnetic resonance imaging, neuroinformatics, multivariate analysis.

## **Technologies**

Neuroimaging: FSL, fMRIPrep, Freesurfer, Connectome Workbench, Brain Image Data Structure (BIDS), nipype

Statistics: nilearn, scikit-learn, JASP

Experiment design: PsychoPy

Research computing: container (docker, singularity), cluster computing (SGE), version control (git, github)

## **Programming Languages**

Proficient: Python2/3, shell. Competent: IATEX, MATLAB. Familiar: R, JavaScript, TypeScript.

## MENTORING EXPERIENCE

${ m PhD}$		
2019 – 2021	Will Strawson	University of Sussex (with Prof. Sarah Garfinkle)
$\mathbf{MSc}$		
2019	Bronte McKeown, Will Strawson	University of York (with Prof. Jonathan Smallwood)
2018	Delali Konu, Rebecca Lowndes	University of York (with Dr. Charlotte Murphy and Prof. Jonathan Smallwood)

## TEACHING EXPERIENCE

Dec. 2022	Instructor, UNIQUE educational workshop, Montreal, Canada.
July 2022	Teaching assistant, Brainhack School, Montreal, Canada.
Nov. 2021	Instructor, UNIQUE educational workshop, Montreal, Canada.
June 2020	Teaching assistant, OHBM Brainhack, Montreal, Canada.
Oct. – Mar. 2016	Teaching assistant, Programming in Neuroimaging, University of York, York, United Kingdom.

## PROFESSIONAL DEVELOPMENT

Aug. 2019	Neurohackademy, Seattle, USA.
Dec. 2017	Large-scale trends in cortical organization, Leipzig, Germany.
June 2017	Machine Learning Summer School, Tübingen, Germany.
Sep. 2016	Brainhack Vienna, Vienna, Austria.
Feb. 2016	Brainhack@Paris, Paris, France.

Last updated: October 5, 2023