

ALFREDO SPAGNA, Ph.D.

Department of Psychology | Columbia University

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alfredospagna.com alfredo.spagna@johncabot.eduORCID: 0000-0001-5170-0320 [Google Scholar](#)**APPOINTMENTS AND EDUCATION**

2026 - Present	Psychology Department, John Cabot University Associate Professor in Psychology
2019 - 2025	Psychology Department, Columbia University Lecturer in Discipline of Psychology Director of Undergraduate Studies in Neuroscience and Behavior Co-Director of the Senior Thesis Advanced Research Program
2017 - 2018	Post-Doctoral Fellow, Paris Brain Institute, France,
2014 - 2017	Post-Doctoral Fellow Mount Sinai Hospital, NYC
2010 – 2014	Ph.D., Psychology, Sapienza University of Rome, Italy
2007 – 2009	M.A., Psychology, Sapienza University of Rome, Italy
2002 – 2006	B.A., Psychology, Sapienza University of Rome, Italy

PUBLICATIONS**(1893 citations; h-index = 23)****(trainees marked in red)**

35. Liu, J., Zhan, M., Hajhajate, D., **SPAGNA, A.**, Dehaene, S., Cohen, L., & Bartolomeo, P. (2025). Visual mental imagery in typical imagers and in aphantasia: A millimeter-scale 7-T fMRI study. *Cortex*, 185, 113-132.
34. **SPAGNA, A.**, **Heidenry, Z.**, **Lambert, C. J.**, **Miselevich, M.**, **Eisenstadt, B.**, **Trembley, L.**, ... & Bartolomeo, P. (2024). Competing models of visual mental imagery: reverse hierarchy or heterarchy? *Physics of Life Review*, 51:96-100.
33. **Eisenstadt, B.**, **SPAGNA, A.**, Stroessner, S. In the Mind's Eye: the relationship between visual mental imagery and stereotyping. *Personality and Social Psychology Review*. <https://doi.org/10.1177/108886832412733>.
32. Bartha-Doering, L., Roberts, D., Baumgartner, B., Yildirim, M. S., Giordano, V., **SPAGNA, A.**, ... & Seidl, R. (2024). Developmental surface dyslexia and dysgraphia in a child with corpus callosum agenesis: an approach to diagnosis and treatment. *Cognitive Neuropsychology*, 1-23.
31. **SPAGNA, A.**, Bayle, D. J., Romeo, Z., Seidel-Malkinson, T., Liu, J., Yahia-Cherif, L., ... & Bartolomeo, P. (2023). The cost of attentional reorienting on conscious visual perception: an MEG study. *Cerebral Cortex*, 33(5), 2048-2060.
30. Bartolomeo, P., Liu, J., & **SPAGNA, A.** (2024). Colors in the mind's eye. *Cortex*, 170, 26-31.

29. Liu, J., Bayle, D. J., **SPAGNA, A.**, Sitt, J. D., Bourgeois, A., Lehongre, K., ... & Bartolomeo, P. (2023). Fronto-parietal networks shape human conscious reports through attention gain and reorienting. *Nature Communications Biology*, 6(1), 730.
28. Toba, M. N., Malkinson, T. S., Howells, H., Mackie, M. A., & **SPAGNA, A.** (2023). Same, same but different? A multi-method review of the processes underlying executive control. *Neuropsychology Review*, 1-37.
27. Wu T., **SPAGNA, A.**, Mackie, M-A., Fan, J. (2023). Resource sharing in cognitive control: behavioral evidence and neural substrates. *NeuroImage*, 273, 120084.
26. Purdie-Greenaway, V., & **SPAGNA, A.** (2022). Building a taxonomy of mental processes supporting social functioning to accelerate the integration between psychology and neuroscience: a commentary on Dang et al. *NeuroImage*, 119152.
25. **SPAGNA, A.**, Wang, J., Rosario, I. E., Zhang, L., Zu, M., Wang, K., & Tian, Y. (2022). Cognitive Considerations in Major Depression: Evaluating the Effects of Pharmacotherapy and ECT on Mood and Executive Control Deficits. *Brain Sciences*, 12(3), 350.
24. Giordano, V., Alexopoulos, J., **SPAGNA, A.**, Benavides-Varela, S., Peganc, K., Kothgassner, O. D., ... & Bartha-Doering, L. (2021). Accent discrimination abilities during the first days of life: An fNIRS study. *Brain and Language*, 223, 105039.
23. Liu, J., **SPAGNA, A.** & Bartolomeo, P. (2021). Hemispheric asymmetries in visual mental imagery. *Brain Structure and Function*, 1-12.
22. Russell-Giller, S., Wu, T., **SPAGNA, A.** Dhamoon, M., Hao, Q., & Fan, J. (2021). Impact of unilateral stroke on right hemisphere superiority in executive control. *Neuropsychologia*, 150, 107693.
21. **SPAGNA, A.** Hajhajate, D., Liu, J., & Bartolomeo, P. (2021). Visual mental imagery engages the left fusiform gyrus, but not the early visual cortex: a meta-analysis of neuroimaging evidence. *Neuroscience and Biobehavioral Reviews*. DOI: j.neubiorev.2020.12.029
20. Bartolomeo, P., Hajhajate, D., Liu, J., & **SPAGNA, A.** (2020). Assessing the causal role of early visual areas in visual mental imagery. *Nature Reviews Neuroscience*, 21(9), 517-517. DOI: 10.1038/s41583-020-0349-4
19. **SPAGNA, A.**, Wu, T., Kim, K., & Fan, J. (2020). Supramodal executive control of attention: evidence from unimodal and crossmodal dual conflict effects. *Cortex*, 266-276. DOI: 10.1016/j.cortex.2020.09.018
18. **SPAGNA, A.**, Wu, T., Kim, K., Fan, J. (2020). Right hemisphere superiority for executive control of attention. *Cortex*, 122, 263-276. DOI: 10.1016/j.cortex.2018.12.012.
17. Wu, T., **SPAGNA, A.**, Chen, C., Schulz, K. P., Hof, P. R., & Fan, J. (2020). Supramodal Mechanisms of the Cognitive Control Network in Uncertainty Processing. *Cerebral Cortex*, 30(12), 6336-6349. DOI: 10.1093/cercor/bhaa189
16. Russell-Giller, S., Wu, T., **SPAGNA, A.**, Dhamoon, M., Hao, Q., & Fan, J. (2020). Impact of unilateral stroke on right hemisphere superiority in executive control. *Neuropsychologia*, 150, 107693. DOI: 10.1016/j.neuropsychologia.2020.107693

15. Wu, T., Chen, C., **SPAGNA, A.**, Wu, X., Mackie, M. A., Russell-Giller, S., ... & Fan, J. (2020). The functional anatomy of cognitive control: A domain-general brain network for uncertainty processing. *Journal of comparative neurology*, 528(8), 1265-1292. DOI: 10.1002/cne.24804
14. Chen, Y., **SPAGNA, A.**, Wu, T., Kim, T. H., Wu, Q., Chen, C., ... & Fan, J. (2019). Testing a Cognitive Control Model of Human Intelligence. *Scientific Reports*, 9(1), 2898. DOI: 10.1038/s41598-019-39685-2.
13. Wu, T., Wang, X., Wu, Q., **SPAGNA, A.**, Yang, J., Yuan, C., ... & Fan, J. (2019). Anterior insular cortex is a bottleneck of cognitive control. *NeuroImage*. DOI: 10.1016/j.neuroimage.2019.02.042 .
12. Zeng, W., Eilam-Stock, T., Wu, T., **SPAGNA, A.**, Chen, C., Hu, B., Fan, J. (2019). Multi-feature based network revealing the structural abnormalities in autism spectrum disorder. *IEEE transactions on Affective Computing* DOI: 10.1109/TAFFC.2018.2890597 .
11. **SPAGNA, A.**, Dufford, A., Wu, Q., Wu, T., Zheng, W., Coons E., Hof, P. R., Wu, Y., Fan, J. (2018) Grey matter volume of the anterior insular cortex and social networking. *Journal of Comparative Neurology*. DOI: 10.1002/cne.24402.
10. **SPAGNA, A.**, He, G., Jin, S., Gao, L., Mackie, M. A., Tian, Y., ... & Fan, J. (2018). Deficit of supramodal executive control of attention in schizophrenia. *Journal of psychiatric research*, 97, 22-29. DOI: 10.3389/fpsyg.2015.00065
9. Casagrande, M., Marotta, A., Canepone, V., **SPAGNA, A.**, Rosa, C., Dimaggio, G., & Pasini, A. (2017). Dysfunctional personality traits in adolescence: effects on alerting, orienting and executive control of attention. *Cognitive Processing*, 1-11. DOI: 10.1007/s10339-017-0797-6.
8. **SPAGNA, A.**, Martella D., Marotta A., Casagrande M., Fuentes, L.J. (2016). Hemispheric Modulations of the Attentional Networks. *Brain and Cognition*, DOI: 10.1016/j.bandc.2016.07.002.
7. Tian, Y., Du, J., **SPAGNA, A.**, Mackie, M. A., Gu, X., Dong, Y., ... & Wang, K. (2016). Venlafaxine treatment reduces the deficit of executive control of attention in patients with major depressive disorder. *Scientific Reports*, 6 (28028) DOI: 10.1038/srep28028.
6. Xuan, B., Mackie, M-A., **SPAGNA, A.**, Wu T., Tian, Y., Hof P. R., Fan J. (2016). The activation of interactive attentional networks. *Neuroimage*; DOI: 10.1016/j.neuroimage.2016.01.017.
5. Eilam-Stock, T., Wu, T., **SPAGNA, A.**, Egan, L. J., & Fan, J. (2016). Neuroanatomical alterations in high-functioning adults with autism spectrum disorder. *Frontiers in Neuroscience*, 10. DOI: 10.3389/fnins.2016.00237.
4. **SPAGNA A.**, Dong Y., Mackie M-A., Li M., Harvey P.D., Tian Y., Wang K., Fan J. (2015): Clozapine improves the orienting of attention in schizophrenia. *Schizophrenia Research*; DOI: 10.1016/j.schres.2015.08.009.
3. Marotta A., Delle Chiaie R., **SPAGNA, A.**, Bernabei L., Sciarretta M., Roca J., Biondi M., Casagrande M (2015): Impaired conflict resolution and vigilance in euthymic bipolar disorder. *Psychiatry Research* 06/2015; DOI: 10.1016/j.psychres.2015.06.026.

2. **SPAGNA, A.**, Mackie M-A., Fan J. (2015): Supramodal executive control of attention. *Frontiers in Psychology* 03/2015; 6. DOI: 10.3389/fpsyg.2015.00065.
1. **SPAGNA, A.**, Martella D., Sebastiani M., Maccari L., Marotta A., Casagrande M. (2014). Efficiency and interactions of Alerting, Orienting and Executive Networks: The Impact of Imperative Stimulus Type. *Acta Psychologica*, 148:209-215. DOI: 10.1016/j.actpsy.2014.02.007.

RESEARCH FUNDING**Total: \$667,394.18**

- 2024 Seed Grant for MRI Studies (PI): *Can We Know What You Know: Studying Neural Substrates and Contents of Subjective Experiences during Visual Mental Imagery*": CU-ZI-MR-S-0029: \$18,221.04
- 2024 Big Brain Theory (Paris Brain Institute): ViBER - *Vision Beyond External Reality: multimodal neuroimaging of visual mental imagery in wakefulness and sleep*. (Research Team Member): €198.000
- 2023 Templeton World Charity Foundation (PI) - Funding Consciousness Science. *Tracking the mind's eye: using a new mental imagery battery to characterize eye movements in five mental imagery domains*. \$17,469.
- 2023 Center for Open Science (cos.io) (PI) *Tracking the mind's eyes: MEG recordings of the spatiotemporal dynamics of visual mental imagery*. \$19,998.
- 2023 Provost SOLER Grant (PI) - Science of Learning Research Institute. *Attend: A multimodal characterization of classroom engagement via brain activity, body language, and subjective experiences*. \$2,500.
- 2022 Emerging Technology Consortium Grant - Columbia University IT (PI). *Neuro-DBER: A flexible neuroscience- and technology-driven framework for Discipline-Based Education Research*. \$18,911.
- 2022 Columbia University Data Science Institute (PI). *Neuro-DBER: A new area of discipline-based education research that leverages neuroscience to enhance teaching and learning*. \$5,000.
- 2022 Columbia University Center for Teaching and Learning (PI). *Building a Bridge Between Theory and Practice: Blended Learning Meets Behavioral Neuroscience*. \$15,000 for hybrid course development.
- 2021 Columbia University Undergraduate Global Engagement Office (PD). *Hands-on Consciousness: Developing a Two-Part Seminar Course in Psychology between Morningside Campus and the Columbia Global Center in Paris*. \$150,000.
- 2021 Columbia University Data Science Institute (CO-PI). *The Social Life of the Diversity, Equity and Inclusion Brain: Mapping DEI Neuroscience in Organizations and in the Popular Press* (PI; Dr. Valerie Purdie-Greenaway PI). \$49,800.
- 2020 Columbia University Data Science Institute (PI). *Building Next Gen of Cognitive Neuroscientists: A Suite of Interdisciplinary Human Brain Imaging courses*. \$150,000.
- 2020 Columbia University Data Science Institute (PI). *Superior Longitudinal Fasciculi abnormalities associated with the attentional deficit in schizophrenia*. \$2,500.

- 2020 Columbia University Center for Science and Society (PI). *Transferring Research Topics from Under the Microscope and Unto the Stage: An Exploration of Science Themes Through a Theatrical Perspective*. \$2,995.
- 2019 Comprehensive Center for Pediatrics, Medizinische Universität Wien, Austria (CO-PI). *Attention Performance and its neurofunctional correlates in preterm infants – a pilot study*. (PI: Dr. Lisa Bartha-Doering PI). \$7,000.

BOOKS and CHAPTERS

2. Razzak, E., Crouse, M., Chuaqui, K., Reschny, J., Aghayeva, E., **SPAGNA, A.**, Ways of Thinking and Imagining. The Living Lab. [[Book](#)]
1. **SPAGNA, A.**, (2022). Visual mental imagery: Inside the mind's eyes. *Handbook of Clinical Neurology*, 187, 145-160. [[Chapter](#)]

SUBMITTED MANUSCRIPTS

2. SPAGNA, A., Liu, J., & Bartolomeo, P. (2025). Right-hemisphere frontoparietal oscillations precede conscious report of visual targets. *bioRxiv*, 2025-03. (under review in *JNeuro*)
1. Liu, Z., Song, T., Lambert, CJ, Chang, K, Baer, N., Frank, R., Liu, J., Bartolomeo, P., **SPAGNA A.**, Probing the imaginable: Shared and Distinct Processes between Imagery and Perception across semantic domains. (Preprint available [DOI](#)).

PRE-PRINT / IN PREPARATION

5. **Razzak, E.**, & **SPAGNA, A.** (2024). Refining Visual Mental Imagery Research: Definitions, Metrics, and Key Research Areas. Comment on “Aphantasia and hyperphantasia: exploring imagery vividness extremes”.
4. **Friedman, J.**, **Chuko, SY.**, **Penn, L.**, **Shahik, H.**, **Shatto, CL.**, **Thorp, J.**, **Wang, H.**, **Huang, X.**, **Tong, H.**, **He, X.**, **SPAGNA, A.** My Brain Matters: How Multimodal Intra-Individual Classifiers Reliably Predict Subjective and Objective Classroom Attention
3. **Chuaqui, K.**, **Razzak, E.**, **Al-Sewaidi S.**, **Sabharwal, M.**, **SPAGNA, A.** Classifying Visual Mental Imagery.m
2. **He, C.**, **Liu, J.**, **Bartolomeo, P.**, **SPAGNA, A.** Tracking the mind’s eye: magnetoencephalographic recordings of the spatiotemporal dynamics of visual mental imagery.

PRE-REGISTERED REPORTS

2. Takamura, Y., **Razzak, E.**, Coustaty, S., Liu, J., Pouget, P., SPAGNA, A., ... & Vélizy-Villacoublay, F. (2025). Oculomotor and Pupillary Markers of Visuospatial Mental Imagery in Aphantasia and Typical Imagery. OSF.io, 2025-03
1. **SPAGNA, A.**, Liu, J. Bartolomeo, P. Tracking the mind's eyes: magnetoencephalographic recordings of the spatiotemporal dynamics of visual mental imagery.

INVITED SPEAKER, CONFERENCES, WORKSHOPS and SEMINARS

- 2025 *upcoming Seminar*: Aphantasia Network Public Engagement Talk, September 17th.
- 2025 **Panel Organizer and Moderator**: Conversations on Consciousness. Global Center in Paris, Columbia University, June 3rd.
- 2025 *upcoming Seminar*: IRCA Meeting on Aphantasia, May 29th
- 2025 *upcoming Seminar*: Institut für Psychologie Differentielle & Biologische Psychologie University of Bonn, Germany, May 14th
- 2025 *upcoming Seminar*: Cyclothrone Research Center - University of Liege, Belgium, May 12th.
- 2025 **Talk**: Encephalon: Cognitive Neuroscience Conference at. Zuckerman Institute, Mind Brain Behavior Institute, Columbia University, April 25th, 2025
- 2025 **Panel Organizer and Moderator**: [Imagine This](#): Reflections on Human Imagination. Zuckerman Institute, Mind Brain Behavior Institute, Columbia University, April 9th, 2025.
- 2025 **Talk**: Zuckerman Institute middle school teacher workshop, Columbia University, February 18th, 2025.
- 2025 **Symposium Co-Chair** with Laurent Cohen (Paris Brain Institute): European Workshop of Cognitive Neuropsychology. Bressanone, Italy, January 21-26, 2025.
- 2024 **Talk**: City College, CUNY: A look into the mind's eye: understanding visual imagery through its role in high-level cognition, October 24 2025.
- 2024 **Symposium Chair**: Association for the Scientific Study of Consciousness (ASSC). Tokyo, Japan, July 2-7.
- 2024 **Talk**: International Neuropsychology Symposium (INS). Constance (Konstanz) Germany, June 24-28.
- 2024 **Datablitz**: Cognitive Neuroscience Society Annual Meeting, Toronto, Canada, April.
- 2024 **Talk**: 42° European Workshop on Cognitive Neuropsychology. Bressanone, Italy.
- 2023 **Talk**: Columbia University Psychology Department Colloquium.
- 2023 **Talk**: Cognitive & Behavioral Neuroscience Seminar. Columbia University Faculty House.
- 2023 **Talk**: FENS: Federation of the European Societies of Neuropsychology. Heterarchy in Visual Mental imagery. Thessaloniki, Greece, September.

- 2023 **Talk:** Association for the Scientific Study of Consciousness. Heterarchy in Visual Mental imagery. NYU, New York City, July.
- 2022 **Guest Lecture:** Applied Neuroscience Lecture Course: Using Mobile EEG in the classroom to increase engagement and learning. University of Pavia (Italy). February 22, 2022
- 2021 **Talk:** There is an Elephant in the Room: revising the classic model of human mental imagery. University of Pavia (Italy) – Columbia Science Review Event 2021. Conference: March 24, 2021
- 2021 **Guest Lecture:** There is an Elephant in the Room: revising the classic model of human mental imagery. University of Pavia (Italy) – Applied Neuroscience Course. March 23 2021.
- 2021 **Talk:** 03/19/2021: The role of Attentional Networks in Mental Imagery. University of Florida, USA, Talk at Lucina Uddin's BCCL Lab Meeting
- 2021 **Talk:** 03/13/2021: Attention, Perception, Consciousness, and Mental Imagery: parsing by using neuroimaging. Columbia Synapse Conference 2021: "The Social Brain".
- 2021 **Talk:** 02/02/2021: Attention, Perception, Consciousness, and Mental Imagery: parsing by using neuroimaging. University of Liege, Belgium, Talk at Athena Demertzi's Giga Lab.
- 2021 **Talk** 01/12/2021: Human Attentional Networks and their Development. Universität Wien - Fakultät für Psychologie. Stefanie Hoehl's Lab Meeting:
- 2019 **Symposium Chairman:** 09/05/2019: museum . Federation of the European Societies of Neuropsychology. 5-7 September 2019, Milan, Italy
- 2018 **Colloquium:** 05 / 2018: Blythedale Children's Hospital, NY, USA. "Supramodal attentional functions across the lifespan".

JOURNAL EDITOR

2025 - Present: Associate Editor Neuroscience of Consciousness Journal

MEMBER OF SCIENTIFIC SOCIETIES

2024 - Present: SIGMA XI

2023 - Present: Association for the Scientific Studies of Consciousness (ASSC)

2018 - Present: Cognitive Neuroscience Society

MENTORING

Post Doctoral Researchers

Joshua Friedman, PhD

Graduate Students Mentored and Dissertation Committees

1. Chen He (current)
2. Joshua Friedman - PhD Student (graduated 2024)
3. Vinay Raghavan - PhD Student (Dissertation Committee Mesgarani Lab) (graduate 2023)
4. Tengyu Song - M. A. Statistics (graduated 2023)

5. Xianjue Huang - M. A. Statistics (graduated 2023)
6. Hengbo Tong - M. A. Statistics (graduated 2023)
7. Hafsa Shafik - M.A. Quantitative Methods in Statistical Sciences (graduated 2024)

Undergraduate Research Alumni

1. Benjamin Eisenstadt (now PhD Student at Stoney Brook), 2019-2021
2. Chelsea Lee Fasano (now M.A. student at Columbia University Teachers College 2020-2022.
3. Isabella Elaine Rosario (now R.A. at Horga Lab, Columbia University), 2019-2021.
4. Laura Tremblay (now R.A. at Mark D'Esposito Lab, UC Berkeley), 2020-2022
5. Yasmin Aiman (now Ph.D. student in Neuroscience at Harvard University), 2020-2021
6. Juan Guerrero (now R.A. at Salzman Lab, Columbia University), 2019-2021

TEACHING

Graduate Courses:

Columbia University, NYC, NY

- Human Imagination (GU4665; Seminar; Enrollment cap: 12). New course designed for the Department of Psychology. Since Fall 2023.
- Fundamentals of Human Neuroimaging (GU4930; Advanced Research Method; Seminar; Enrollment cap: 12). New course designed for Psychology Department. Since Fall 2021.
- Consciousness and Attention (GU4225; Seminar; Enrollment capped at 12). New course designed for the Department of Psychology. Since Spring 2020.

Undergraduate Courses:

- Cognitive Neuroscience (UN2430; Lecture; Enrollment 130+). Fall 2019, Fall 2024.
- Behavioral Neuroscience (UN2450; Lecture; Enrollment 110+). Hybrid course redesign for the Department of Psychology. Since Spring 2019.
- Fundamentals of Neuropsychology (UN2470; Lecture; Enrollment 110+). New course designed for the Department of Psychology. Since Spring 2020.

Hunter College, and Queens College, CUNY, NY

- Experimental Psychology. 2016
- Cognitive Neuroscience. 2017
- Advanced Experimental Psychology. In 2017

AD-HOC REVIEW AND EDITORIAL SERVICE

UK Research and Innovation (1) • Journal of Neuroscience (1) • Nature Communications Biology (1) • Cerebral Cortex (4) • Brain Structure and Function (3) • Cortex (12) • Cognitive Processing (2) • Behavioral Research Method (1) • Molecular Autism (1) • Neuropsychologia (3) • Psychological Reviews (1) • Neurobiology of Stress (1) • Experimental Brain Research (1) • Frontiers in Neuroscience (2) • Frontiers in Psychology: Cognition (ad-hoc Editor) • Frontiers in Neuroscience: Cognitive Control Capacity (ad-hoc Editor) • Journal of Visual Experiments (JOVE, ad-hoc Editor).

PRINT & MEDIA COVERAGE

- 2025 What AI can actually do to your critical thinking skills ([sequencer magazine](#))
- 2023 Clinical Neuroanatomy Series. Visual mental imagery: what it takes to imagine something ([link](#))
- 2022 Columbia Global Centers 2022 - *Paris Center Stories: Professor Alfredo Spagna*
- 2021 Netflix, 2021 - *HUMANS, the world within*
- 2021 Gray Matters CU Podcast, 2021 - *My Journey in Attention and Consciousness Research*
- 2020 Stories in Science, 2020 - *How to discover a passion for science*
- 2020 Gray Matters CU, 2020 - *Being a scientist during the pandemic - with Lila Davachi*
- 2019 Stuyvesant High School (NY), 2019 - *Watch out, Cognitive Neuroscience of Attention*

NETWORK OF COLLABORATORS

Paolo Bartolomeo (Paris Brain Institute, France) • Jin Fan (Mount Sinai / CUNY, USA) • Valerie Purdie-Greenaway (Columbia University) • Patrick Hof (Mount Sinai, NY, USA) • Stanislas Dehaene (Neurospin, France) • Laurent Cohen (Paris Brain Institute, France) • Lionel Naccache (Paris Brain Institute, France) • Jacobo Sitt (Paris Brain Institute, France) • Steve Stroessner (UCLA) • Melissa-Ann Mackie (Northwestern, USA) • Ana B. Chica (University of Granada, Spain) • Monica Toba (University of Amiens, France) • Yanghua Tian (Anhui Medical University, Hefei, China) • Tingting Wu (Beijing University) • Lisa Bartha-Doering (University of Vienna, Austria) • Lila Davachi (Columbia University) • Valerie Purdie Greenaway (Columbia University), Paul Matusz (HES-SO Valais-Wallis), Delphine Oudiette (Paris Brain Institute, France), Thomas Andrillon (Paris Brain Institute, France).