

NEWS

The Geneva Brain Week Awareness 2023, organized by the Geneva University Neurocenter, will take place in the week of March 13 to 17 and will focus on the theme of illusions.



Lectures are organized for the large public each evening from March 13 to March 17, tackling many fascinating topics such as visual and auditory illusions, hypnosis and other brain states mechanisms such as dreams and hallucinations. The last evening will be dedicated to cognitive mechanisms used by illusionists and to a final mentalism show.

[Program](#)

<https://www.semaineducerveau.ch/>



The brain circuits therapeutics project investigating cerebellar stimulation as a method for alleviating certain symptoms of schizophrenia, led by Dr Indrit Bègue and Pr Camilla Bellone, has been awarded by the Leenaards Foundation Translational Science Prize. The [awards ceremony](#) on March 23 will be open to the public and will include a talk about Artificial Intelligence by Pr Alexandre Pouget.

<https://www.leenaards.ch/presse/press-release-leenaards-foundation-2023-science-prize/>



It's a first in Switzerland: the Human Neuroscience Platform (HNP) at Campus Biotech hosts a magneto-encephalography facility (MEG) following a lemanic collaboration between the UNIGE, the HUG, the NCCR Evolving Language, the EPFL and the FCBG. With a first focus on language studies, the MEG will also be used in combination with BCI and to perform neurofeedback.

<https://hnp.fcbg.ch/project/meg-in-geneva/>



Daphné Bavelier took over the co-direction of the NCCR Evolving Language at the beginning of the year. Daphné Bavelier is also one of the women highlighted by the NCCR Women campaign, a joint campaign of all NCCRs to encourage women to join high-level academic research. Within the NCCR Evolving Language, Pr Bavelier is developing novel intervention tools such as video games with the goal of facilitating reading acquisition in typically developing and dyslexic children.

<https://evolvinglanguage.ch/meet-our-nccrwomen/>

LEMANIC NEUROAGENDA

March 7

12:15, onsite and online

B&C Seminar, NCCR Evolving Language, UNIGE

📍 H8-01D, Campus Biotech, Geneva

To join: francoise.defferrard@unige.ch

[Sonja Kotz](#), Head of the section of Neuropsychology and Psychopharmacology, Maastricht University, the Netherlands

Title: Cortico-subcortico-cortical circuitry and the timing of action, perception, and cognition

March 7

16:30, online

B&C Seminar, CISA, UNIGE

[Join](#)

[Pilleriin Sikka](#), Stanford University & University of Skövde

Title: Dream Emotions: A Window Into Waking Mental Health and Well-Being

March 6

15:00, onsite and online

BBL/HNP, UNIGE

📍 H8-01D, Campus Biotech, Geneva

[Join](#)

[Chantal Oderbolz](#), PhD student (Martin Meyer's lab), [Damien Benis](#), post-doctoral researcher (Vanessa Fleury's lab), [Yoann Stussi](#), post-doctoral researcher (David Sander's lab)

March 9

09:00, onsite and online

Neuro-X Seminar, EPFL

📍 SV1717, EPFL, Lausanne

[Join](#)

[Cecile Verbaarschot](#), University of Pittsburgh, USA

Title: From fundamental neuroscience to bidirectional brain-computer interfaces

March 9

12 :15, onsite

DNF, UNIL

📍 Petit Auditoire, UNIL, Lausanne

[Virginie Mansuy-Aubert](#), Department of Biomedical Sciences, University of Lausanne

Title : tba

March 9

17:00, onsite and online

NeuroCentre Clinique Talks, HUG

📍 library of Neurology, 2nd floor, STERN build., HUG

[Join](#)

[Carole Guedj](#), Dpt of Basic Neuroscience, UNIGE, Switzerland

Title: Teaching ADHD children to regulate their attention through EEG-Neurofeedback in virtual classroom

March 10

15:00, online

Centre de la Mémoire, HUG, Geneva

[More](#)

3rd Scientific Forum of the Geneva Memory Center

[Program](#)

March 13-18

19:00, onsite

Neurocenter, UNIGE

📍 Auditoire Piaget, UniDufour, Geneva

[Geneva Brain Awareness Week 2023](#), "Juste une illusion ?"

[Program](#)

March 13-18

19:00, onsite

Lemanic Neuroscience, UNIL

📍 CHUV, Lausanne

[Lausanne Brain Awareness Week 2023](#)

[Program](#)

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- March 14**
12:15, onsite and online
B&C Seminar, COSYN, UNIGE
📍 H8 Auditorium, Campus Biotech, Geneva
To join: francoise.defferrard@unige.ch
- [Rogier Kievit](#), Faculty of Medical Sciences, Radboud University, Nijmegen, the Netherlands
Title: Understanding the dynamics of neurocognitive development using theory-based models
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- March 15**
16:00, onsite and online
BMI Seminar, EPFL
📍 SV1717, EPFL, Lausanne
[Join](#)
- [Sonia Gandhi](#), The Francis Crick Institute, London, UK
Title: Thinking big to see small: from macroscopic to nanoscopic resolution of Parkinson's disease
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- March 21**
12:15, onsite and online
B&C Seminar, LNCO, UNIGE
📍 H8-01D, Campus Biotech, Geneva
- [Rimona Weil](#), University College London Hospital, UK
Title: tba
-
- March 22**
16:00, onsite and online
Neuro-X Seminar, EPFL
📍 Campus Biotech, Geneva
[Join](#)
- [Fatih Yanik](#), Dpt of Information Technology and Electrical engineering, EZH, Switzerland
Title: tba
-
- March 28**
12:15, onsite and online
B&C Seminar, COSYN, UNIGE
📍 H8 Auditorium, Campus Biotech, Geneva
To join: francoise.defferrard@unige.ch
- [Gilles Vannuscorp](#), Université Catholique de Louvain, Belgium
Title: tba
-
- World Wide Neuro**
Online platform gathering webinars
- All seminars hosted by [WorldWideNeuro here](#)

NEUROCENTER PUBLICATIONS

February 2023

Publisher Correction: Transcriptional adaptation of olfactory sensory neurons to GPCR identity and activity.

Horgue LF, Assens A, Fodoulian L, Marconi L, Tuberosa J, Haider A, Boillat M, **Carleton A, Rodriguez I**

[Nature communications - Mar 2023](#)

Body modifications in borderline personality disorder patients: prevalence rates, link with non-suicidal self-injury, and related psychopathology.

Blay M, Hasler R, Nicastro R, Pham E, Weibel S, **Debbané M**, Perroud N

[Borderline personality disorder and emotion dysregulation - Mar 2023](#)

The eRDS v6 Stereotest and the Vivid Vision Stereo Test: Two New Tests of Stereoscopic Vision.

Denkinger S, Antoniou MP, Tarello D, Levi DM, Backus BT, **Bavelier D**, Chopin A

[Translational vision science & technology - Mar 2023](#)

Attentional switching between perception and memory: Examining asymmetrical switch costs.

Hautekiet C, Verschooren S, Langerock N, **Vergauwe E**

[Attention, perception & psychophysics - Feb 2023](#)

Mixed Emotions to Social Situations: An fMRI Investigation.

Murray RJ, Kreibig SD, Pehrs C, **Vuilleumier P**, Gross JJ, Samson AC

[NeuroImage - Feb 2023](#)

Differential Impact of Brain Network Efficiency on Poststroke Motor and Attentional Deficits.

Evangelista GG, Egger P, Brügger J, Beanato E, Koch PJ, Ceroni M, Fleury L, Cadic-Melchior A, Meyer NH, Rodríguez DL, Girard G, Léger B, Turlan JL, Mühl A, Vuadens P, Adolphsen J, Jagella CE, Constantin C, Alvarez V, San Millán D, Bonvin C, Morishita T, Wessel MJ, **Van De Ville D**, Hummel FC

[Stroke - Feb 2023](#)

Oxytocin Levels Increase and Anxiety Decreases in Mothers Who Sing and Talk to Their Premature Infants during a Painful Procedure.

Filippa M, Monaci MG, Spagnuolo C, Di Benedetto M, Serravalle P, **Grandjean D**

[Children \(Basel, Switzerland\) - Feb 2023](#)

Comparison of In-Person and Online Recordings in the Clinical Teleassessment of Speech Production: A Pilot Study.

Python G, Demierre C, Bourqui M, Bourbon A, Chardenon E, Trouville R, **Laganaro M**, Fougeron C

[Brain sciences - Feb 2023](#)

Enhancing Inhibitory Control in Older Adults: A Biofeedback Study.

Tinello D, Tarvainen M, Zuber S, **Kliegel M**

[Brain sciences - Feb 2023](#)

Sex differences in dementia with Lewy bodies: an imaging study of neurotransmission pathways.

Boccalini C, Nicastro N, Peretti DE, Caminiti SP, Perani D, **Garibotto V**

[European journal of nuclear medicine and molecular imaging - Feb 2023](#)

Rapid recovery of EEG changes in severe hepatic encephalopathy following liver transplantation.

De Stefano P, Quintard H, Siegenthaler N, **Seeck M**, Picard F

[Practical neurology - Feb 2023](#)

A cycle-consistent adversarial network for brain PET partial volume correction without prior anatomical information.

Sanaat A, Shooli H, Böhringer AS, Sadeghi M, Shiri I, Salimi Y, **Ginovart N**, **Garibotto V**, Arabi H, **Zaidi H**
[European journal of nuclear medicine and molecular imaging - Feb 2023](#)

EEG Beta functional connectivity decrease in the left amygdala correlates with the affective pain in fibromyalgia: A pilot study.

Makowka S, Mory LN, Mouthon M, Mancini C, Guggisberg AG, Chabwine JN
[PloS one - 2023](#)

Patient-specific fetal radiation dosimetry for pregnant patients undergoing abdominal and pelvic CT imaging.

Qu S, Liu H, Xie T, Giger ML, Quan G, Zaidi H
[Medical physics - Feb 2023](#)

Mice and primates use distinct strategies for visual segmentation.

Luongo FJ, Liu L, Ho CLA, Hesse JK, Wechselblatt JB, Lanfranchi F, **Huber D**, Tsao DY
[eLife - Feb 2023](#)

Multimomics profiling of human plasma and cerebrospinal fluid reveals ATN-derived networks and highlights causal links in Alzheimer's disease.

Shi L, Xu J, Green R, Wretling A, Homann J, Buckley NJ, Tijms BM, Vos SJB, Lill CM, Kate MT, Engelborghs S, Sleegers K, **Frisoni GB**, Wallin A, Lleó A, Popp J, Martinez-Lage P, Streffer J, Barkhof F, Zetterberg H, Visser PJ, Lovestone S, Bertram L, Nevado-Holgado AJ, Proitsi P, Legido-Quigley C

[Alzheimer's & dementia : the journal of the Alzheimer's Association - Feb 2023](#)

Imaging of intracranial aneurysms in animals: a systematic review of modalities.

Cayron AF, Morel S, Allémann E, **Bijlenga P**, Kwak BR
[Neurosurgical review - Feb 2023](#)

Corpus callosum structural characteristics in very preterm children and adolescents: Developmental trajectory and relationship to cognitive functioning.

Siffredi V, Liverani MC, **Van De Ville D**, Freitas LGA, Borradori Tolsa C, **Hüppi PS**, Ha-Vinh Leuchter R
[Developmental cognitive neuroscience - Feb 2023](#)

Convergence and divergence in prediction from vocabulary and speed of word processing.

Smolak E, Helm JL, Patrucco-Nanchen T, **Zesiger P**, Friend M
[Cognitive development - 2022](#)

Problematic Internet Use among Adults: A Cross-Cultural Study in 15 Countries.

Lopez-Fernandez O, Romo L, Kern L, Rousseau A, Lelonek-Kuleta B, Chwaszcz J, Männikkö N, Rumpf HJ, Bischof A, Király O, Gässler AK, Graziani P, Kääriäinen M, Landrø NI, Zacarés JJ, Chóliz M, Dufour M, Rochat L, **Zullino D**, Achab S, Demetrovics Z, Griffiths MD, Kuss DJ

[Journal of clinical medicine - Jan 2023](#)

The Association of Obesity and Overweight with Executive Functions in Community-Dwelling Older Women.

Nascimento MM, **Kliegel M**, Silva PST, Rios PMB, Nascimento LDS, Silva CN, Ihle A
[International journal of environmental research and public health - Jan 2023](#)

Personality as a Predictor of Disability in Multiple Sclerosis.

Jacot de Alcântara I, Voruz P, Allali G, Fragnoli C, Antoniou MP, **Lalive PH**, **Péron JA**

[Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists - Feb 2023](#)

Opioids and autism spectrum disorder: liaisons dangereuses?

Vutskits L

[British journal of anaesthesia - Feb 2023](#)

Outcome measures for Alzheimer's disease: A global inter-societal Delphi consensus.

Ellison TS, Cappa SF, Garrett D, Georges J, Iwatsubo T, Kramer JH, Lehmann M, Lyketsos C, Maier AB, Merrilees J, Morris JC, Naismith SL, Nobili F, Pahor M, Pond D, Robinson L, Soysal P, Vandenbulcke M, Weber CJ, Visser PJ, Weiner M, **Frisoni GB**

[Alzheimer's & dementia : the journal of the Alzheimer's Association - Feb 2023](#)

Association between multiple chronic conditions and insufficient health literacy: cross-sectional evidence from a population-based sample of older adults living in Switzerland.

Wieczorek M, Meier C, Vilpert S, Reinecke R, Borrat-Besson C, Maurer J, **Kliegel M**

[BMC public health - Feb 2023](#)

The effect of mindfulness-based intervention on neurobehavioural functioning and its association with white-matter microstructural changes in preterm young adolescents.

Siffredi V, Liverani MC, **Van De Ville D**, Freitas LGA, Borradori Tolsa C, **Hüppi PS**, Ha-Vinh Leuchter R

[Scientific reports - Feb 2023](#)

A neural substrate for negative affect dictates female parental behavior.

Lecca S, Congiu M, Royon L, Restivo L, Girard B, Mazaré N, **Bellone C**, Telley L, Mameli M

[Neuron - Jan 2023](#)

Updated clinical practice recommendations for managing children with 22q11.2 deletion syndrome.

Óskarsdóttir S, Boot E, Crowley TB, Loo JCY, Arganbright JM, Armando M, Baylis AL, Breetvelt EJ, Castelein RM, Chadehumbe M, Cielo CM, de Reuver S, **Eliez S**, Fiksinski AM, Forbes BJ, Gallagher E, Hopkins SE, Jackson OA, Levitz-Katz L, Klingberg G, Lambert MP, Marino B, Mascarenhas MR, Moldenhauer J, Moss EM, Nowakowska BA, Orchanian-Cheff A, Putotto C, Repetto GM, Schindewolf E, Schneider M, Solot CB, Sullivan KE, Swillen A, Unolt M, Van Batavia JP, Vingerhoets C, Vorstman J, Bassett AS, McDonald-McGinn DM

[Genetics in medicine : official journal of the American College of Medical Genetics - Jan 2023](#)

Increased affective reactivity to daily social stressors is associated with more severe psychotic symptoms in youths with 22q11.2 deletion syndrome.

Ilen L, Feller C, **Eliez S**, Schneider M

[Psychological medicine - Feb 2023](#)

Dysfunctional cerebello-cerebral network associated with vocal emotion recognition impairments.

Thomasson M, Ceravolo L, Corradi-Dell'Acqua C, Mantelli A, Saj A, Assal F, Grandjean D, Péron J

[Cerebral cortex communications - 2023](#)

From Lab-Testing to Web-Testing in Cognitive Research: Who You Test is More Important than how You Test.

Uittenhove K, Jeanneret S, **Vergauwe E**

[Journal of cognition - 2023](#)