

Qualifications

Doctoral degree, Humanities, University of Helsinki
Award Date: 15 Oct 1985

Licentiate degree, Natural Sciences, University of Helsinki
Award Date: 28 May 1985

Master's degree, Humanities, University of Helsinki
Award Date: 25 Sept 1979

Bachelor's degree, Social Sciences, University of Helsinki
Award Date: 29 May 1979

Employment

Senior Advisor

Senior Advisor
Department of Neuroscience and Biomedical Engineering
Aalto University
1 Jun 2021 → present

Professor

Department of Computer Science
Aalto University
Finland
1 Jan 2016 → present

Adjunct professor

University of Helsinki
Helsinki, Finland
1 Jan 1987 → present

Research output

Embodied emotions in ancient Neo-Assyrian texts revealed by bodily mapping of emotional semantics

Lahnakoski, J., Bennet, E., Nummenmaa, L., Steinert, U., Sams, M. & Svärd, S., 20 Dec 2024, In: *iScience*. 27, 12, 111365.

Asymmetry in political polarization at multiple levels of bias

Kluge, A., Adler, E., Nir, L., Halperin, E., Sams, M. & Levy, J., Dec 2024, In: *Political Psychology*. 45, 6, p. 1105-1121 17 p.

Sisterhood predicts similar neural processing of a film

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Six types of loves differentially recruit reward and social cognition brain areas

Rinne, P., Lahnakoski, J., Saarimäki, H., Tavast, M., Sams, M. & Henriksson, L., Aug 2024, In: *Cerebral Cortex*. 34, 8, bhae331.

Bodily maps of musical sensations across cultures

Putkinen, V., Zhou, X., Gan, X., Yang, L., Becker, B., Sams, M. & Nummenmaa, L., 25 Jan 2024, In: *Proceedings of the National Academy of Sciences of the United States of America*. 121, 5, p. 1-10 10 p., e2308859121.

Hippocampus-Centered Network Is Associated With Positive Symptom Alleviation in Patients With First-Episode Psychosis

Alho, J., Lahnakoski, J. M., Panula, J. M., Rikandi, E., Mäntylä, T., Lindgren, M., Kiesepää, T., Suvisaari, J., Sams, M. & Raji, T. T., Dec 2023, In: *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. 8, 12, p. 1197-1206 10 p.

ACT OF FICTION : Simultaneously experienced multiple perspectives of (un)reality when engaging with narrative-based art

Amir, E., Sofaer, J. & Sams, M., 1 Aug 2023, In: Leonardo Journal. 56, 4, p. 374-378 5 p.

Decoding brain basis of laughter and crying in natural scenes

Nummenmaa, L., Malèn, T., Nazari-Farsani, S., Seppälä, K., Sun, L., Santavirta, S., Karlsson, H. K., Hudson, M., Hirvonen, J., Sams, M., Scott, S. & Putkinen, V., Jun 2023, In: NeuroImage. 273, p. 1-9 9 p., 120082.

Ideological values are parametrically associated with empathy neural response to vicarious suffering

Zebarjadi, N., Adler, E., Kluge, A., Sams, M. & Levy, J., 22 May 2023, In: Social Cognitive and Affective Neuroscience. 18, 1, p. 1-10 10 p., nsad029.

Lipreading a naturalistic narrative in a female population: Neural characteristics shared with listening and reading

Saalasti, S., Alho, J., Lahnakoski, J. M., Bacha-Trams, M., Glerean, E., Jääskeläinen, I. P., Hasson, U. & Sams, M., Feb 2023, In: Brain and Behavior. 13, 2, e2869.

Body maps of loves

Rinne, P., Tavast, M., Glerean, E. & Sams, M., 2023, (E-pub ahead of print) In: PHILOSOPHICAL PSYCHOLOGY.

Under the umbrella : components of empathy in psychology and design

Chang-Arana, A. M., Surma-aho, A., Holttä-Otto, K. & Sams, M., 1 Aug 2022, In: Design Science. 8, 29 p., 20.

Exploring the Interpersonal Level of Music Performance Anxiety: Online Listener's Accuracy in Detecting Performer Anxiety

Chang-Arana, Á. M., Mavrolampados, A., Thompson, M. R., Pokki, N. & Sams, M., 10 May 2022, In: Frontiers in Psychology. 13, 838041.

Processing of an Audiobook in the Human Brain Is Shaped by Cultural Family Background

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Body Maps of Loves

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Classification of emotion categories based on functional connectivity patterns of the human brain

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Emotion, psychophysiology, and intersubjectivity

Peräkylä, A., Voutilainen, L., Stevanovic, M., Henttonen, P., Kahri, M., Kivioja, M., Koskinen, E., Sams, M. & Ravaja, N., Nov 2021, *Intersubjectivity in Action. Studies in language and social interaction*. Lindström, J., Laury, R., Peräkylä, A. & Sorjonen, M.-L. (eds.). John Benjamins Publishing Company, p. 303-327 25 p. (Pragmatics and Beyond New Series; vol. 3265).

Rhythmic Neural Patterns During Empathy to Vicarious Pain: Beyond the Affective-Cognitive Empathy Dichotomy

Zebarjadi, N., Adler, E., Kluge, A., Jääskeläinen, I. P., Sams, M. & Levy, J., 7 Jul 2021, In: Frontiers in Human Neuroscience. 15, 9 p., 708107.

Social pleasures of music

Nummenmaa, L., Putkinen, V. & Sams, M., Jun 2021, In: Current Opinion in Behavioral Sciences. 39, p. 196-202 7 p.

Movies and narratives as naturalistic stimuli in neuroimaging

Jääskeläinen, I. P., Sams, M., Glerean, E. & Ahveninen, J., 1 Jan 2021, In: NeuroImage. 224, 14 p., 117445.

A novel ultrasonic haptic device induces touch sensations with potential applications in neuroscience research

Hayward, N., Lewis, E., Perra, E., Jousmaki, V., Saarinen, V. M., McGlone, F., Sams, M. & Nieminen, H., 7 Sept 2020, *IUS 2020 - International Ultrasonics Symposium, Proceedings*. IEEE, 4 p. 9251554. (IEEE International Ultrasonics Symposium).

Inter-subject Similarity of Brain Activity in Expert Musicians After Multimodal Learning: A Behavioral and Neuroimaging Study on Learning to Play a Piano Sonata

Fasano, M. C., Glerean, E., Gold, B. P., Sheng, D., Sams, M., Vuust, P., Rauschecker, J. P. & Brattico, E., 10 Aug 2020, In: *Neuroscience*. 441, p. 102-116 15 p.

Auditory representation of learned sound sequences in motor regions of the macaque brain

Archakov, D., DeWitt, I., Kuśmierk, P., Ortiz-Rios, M., Cameron, D., Cui, D., Morin, E. L., VanMeter, J. W., Sams, M., Jääskeläinen, I. P. & Rauschecker, J. P., 30 Jun 2020, In: *Proceedings of the National Academy of Sciences of the United States of America*. 117, 26, p. 15242-15252 11 p.

Social perspective-taking shapes brain hemodynamic activity and eye movements during movie viewing

Bacha-Trams, M., Ryyppö, E., Glerean, E., Sams, M. & Jääskeläinen, I. P., 11 May 2020, In: *Social Cognitive and Affective Neuroscience*. 15, 2, p. 175-191 17 p.

Empathic accuracy in design: Exploring design outcomes through empathic performance and physiology

Chang-Arana, A. M., Piispanen, M., Himberg, T., Surma-aho, A., Alho, J., Sams, M. & Holtta-Otto, K., 2020, In: *Design Science*. 6, 34 p., 16.

Emotions amplify speaker-listener neural alignment

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Opioidergic regulation of emotional arousal: A combined PET-fMRI study

Karjalainen, T., Seppälä, K., Glerean, E., Karlsson, H. K., Lahnakoski, J., Nuutila, P., Jääskeläinen, I., Hari, R., Sams, M. & Nummenmaa, L., Sept 2019, In: *Cerebral Cortex*. 29, 9, p. 4006-4016 11 p.

Contextual knowledge provided by a movie biases implicit perception of the protagonist

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Inferior parietal lobule and early visual areas support elicitation of individualized meanings during narrative listening

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Physiological responses to affiliation during conversation: Comparing neurotypical males and males with Asperger syndrome

Stevanovic, M., Henttonen, P., Koskinen, E., Peräkylä, A., von-Wendt, T. N., Sihvola, E., Tani, P., Ravaja, N. & Sams, M., 1 Jan 2019, In: *PloS one*. 14, 9, p. 1-19 e0222084.

A drama movie activates brains of holistic and analytical thinkers differentially

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Reproducibility of importance extraction methods in neural network based fMRI classification

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Distributed affective space represents multiple emotion categories across the human brain

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Empathy, challenge, and psychophysiological activation in therapist-client interaction

Voutilainen, L., Henttonen, P., Kahri, M., Ravaja, N., Sams, M. & Peräkylä, A., 11 Apr 2018, In: *Frontiers in Psychology*. 9, APR, 530.

Neuroanatomical substrate of noise sensitivity

Kliuchko, M., Puoliväli, T., Heinonen-Guzejev, M., Tervaniemi, M., Toiviainen, P., Sams, M. & Brattico, E., 15 Feb 2018, In: *NeuroImage*. 167, p. 309-315 7 p.

Distinct brain areas process novel and repeating tone sequences

Green, B., Jääskeläinen, I. P., Sams, M. & Rauschecker, J. P., Feb 2018, In: *Brain and Language*. 187, p. 104-114 11 p.

Event-related potentials during individual, cooperative, and competitive task performance differ in subjects with analytic vs. holistic thinking

Apanovich, V. V., Bezdenezhnykh, B. N., Sams, M., Jääskeläinen, I. P. & Alexandrov, Y. I., 1 Jan 2018, In: *International Journal of Psychophysiology*. 123, p. 136-142 7 p.

Brain-to-brain hyperclassification reveals action-specific motor mapping of observed actions in humans

Smirnov, D., Lachat, F., Peltola, T., Lahnakoski, J., Koistinen, O.-P., Glerean, E., Vehtari, A., Hari, R., Sams, M. & Nummenmaa, L., 11 Dec 2017, In: *PloS one*. 12, 12, e0189508.

Differential inter-subject correlation of brain activity when kinship is a variable in moral dilemma

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Predictive processing increases intelligibility of acoustically distorted speech: Behavioral and neural correlates

Hakonen, M., May, P. J. C., Jääskeläinen, I., Jokinen, E., Sams, M. & Tiitinen, H., Sept 2017, In: *Brain and Behavior*. 7, 9, 15 p., e00789.

Distributed neural signatures of natural audiovisual speech and music in the human auditory cortex

Salmi, J., Koistinen, O.-P., Glerean, E., Jylänki, P., Vehtari, A., Jääskeläinen, I., Mäkelä, S., Nummenmaa, L., Nummi-Kuisma, K., Nummi, I. & Sams, M., 15 Aug 2017, In: *NeuroImage*. 157, p. 108-117 10 p.

Dissociable roles of cerebral μ -opioid and type 2 dopamine receptors in vicarious pain: A combined PET-fMRI study

Karjalainen, T., Karlsson, H. K., Lahnakoski, J. M., Glerean, E., Nuutila, P., Jääskeläinen, I. P., Hari, R., Sams, M. & Nummenmaa, L., 1 Aug 2017, In: *Cerebral Cortex*. 27, 8, p. 4257-4266 10 p.

Neural mechanisms for integrating consecutive and interleaved natural events

Lahnakoski, J., Jääskeläinen, I., Sams, M. & Nummenmaa, L., Jul 2017, In: *Human Brain Mapping*. 38, 7, p. 3360-3376

Social laughter triggers endogenous opioid release in humans

Manninen, S., Tuominen, L., Dunbar, R. I., Karjalainen, T., Hirvonen, J., Arponen, E., Hari, R., Jääskeläinen, I. P., Sams, M. & Nummenmaa, L., 21 Jun 2017, In: *JOURNAL OF NEUROSCIENCE*. 37, 25, p. 6125-6131 7 p.

Sequentiality, mutual visibility, and behavioral matching: Body sway and pitch register during joint decision making

Stevanovic, M., Himberg, T., Niinisalo, M., Kahri, M., Peräsalo, A., Sams, M. & Hari, R., Mar 2017, In: *RESEARCH ON LANGUAGE AND SOCIAL INTERACTION*. 50, 1, p. 33-53 21 p.

Consistency of Regions of Interest as nodes of fMRI functional brain networks

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Graph coarse-graining reveals differences in the module-level structure of functional brain networks

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Social touch modulates endogenous μ -opioid system activity in humans

Nummenmaa, L., Tuominen, L., Dunbar, R., Hirvonen, J., Manninen, S., Arponen, E., Machin, A., Hari, R., Jääskeläinen, I. P. & Sams, M., 1 Sept 2016, In: *NeuroImage*. 138, p. 242-247 6 p.

Hidden sources of joy, fear, and sadness: Explicit versus implicit neural processing of musical emotions

Bogert, B., Numminen-Kontti, T., Gold, B., Sams, M., Numminen, J., Burunat, I., Lampinen, J. & Brattico, E., 1 Aug 2016, In: *Neuropsychologia*. 89, p. 393-402 10 p.

Attending to and neglecting people: Bridging neuroscience, psychology and sociology

Hari, R., Sams, M. & Nummenmaa, L., 5 May 2016, In: *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B: BIOLOGICAL SCIENCES*. 371, 1693, p. 1-9 20150365.

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Behavioural activation system sensitivity is associated with cerebral μ -opioid receptor availability

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Early-latency categorical speech sound representations in the left inferior frontal gyrus

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Reorganization of functionally connected brain subnetworks in high-functioning autism

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Neural mechanisms supporting evaluation of others' errors in real-life like conditions

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Tarinankerronnan psykofysiologiaa

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РАЗЛИЧИЯ МОЗГОВОГО ОБЕСПЕЧЕНИЯ ИНДИВИДУАЛЬНОГО, КООПЕРАТИВНОГО И КОНКУРЕНТНОГО ПОВЕДЕНИЯ У СУБЪЕКТОВ С АНАЛИТИЧЕСКИМ И ХОЛИСТИЧЕСКИМ КОГНИТИВНЫМИ СТИЛЯМИ

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Adult attachment style is associated with cerebral μ -opioid receptor availability in humans

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Facilitated early cortical processing of nude human bodies

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Functional MRI of the vocalization-processing network in the macaque brain

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Constrained spherical deconvolution-based tractography and tract-based spatial statistics show abnormal microstructural organization in Asperger syndrome

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Abnormal wiring of the connectome in adults with high-functioning autism spectrum disorder

Roine, U., Roine, T., Salmi, J., Nieminen-von Wendt, T., Tani, P., Leppämäki, S., Rintahaka, P., Caeyenberghs, K., Leemans, A. & Sams, M., 2015, In: Molecular Autism. 6, p. 1-11 11 p., 65.

Action in Perception: Prominent Visuo-Motor Functional Symmetry in Musicians during Music Listening

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Ihmisen mieli

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Sharing the emotional load : Recipient affiliation calms down the storyteller

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Emotional speech synchronizes brains across listeners and engages large-scale dynamic brain networks

Nummenmaa, L., Saarimäki, H., Glerean, E., Gotsopoulos, A., Hari, R. & Sams, M., 15 Nov 2014, In: NeuroImage. 102, p. 498-509 12 p.

Synchronous brain activity across individuals underlies shared psychological perspectives

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Fronto-parietal network supports context-dependent speech comprehension

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Posterior parietal cortex activity reflects the significance of others' actions during natural viewing

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Affective stance, ambivalence, and psychophysiological responses during conversational storytelling

Voutilainen, L., Henttonen, P., Kahri, M., Kivioja, M., Ravaja, N., Sams, M. & Peräkylä, A., Jul 2014, In: Journal of Pragmatics. 68, p. 1-24 24 p.

Enhanced neural synchrony between left auditory and premotor cortex is associated with successful phonetic categorization

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Mental Action Simulation Synchronizes Action-Observation Circuits across Individuals

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Increased coherence of white matter fiber tract organization in adults with Asperger syndrome: a diffusion tensor imaging study

Roine, U., Roine, T., Salmi, J., Nieminen-Von Wendt, T., Leppämäki, S., Rintahaka, P., Tani, P., Leemans, A., Sams, M. & Roine, T., Dec 2013, In: Autism Research. 6, 6, p. 642-650 9 p.

DID YOU HEAR THAT TOO? EMOTIONS MAKE BRAINS TICK TOGETHER DURING SPOKEN DISCOURSE PROCESSING

Nummenmaa, L., Heikkilä, H., Gotsopoulos, A., Glerean, E., Jääskeläinen, I., Hari, R. & Sams, M., 2013, In: Journal of Cognitive Neuroscience. p. 183-183 1 p.

DID YOU HEAR THAT TOO? EMOTIONS MAKE BRAINS TICK TOGETHER DURING SPOKEN DISCOURSE PROCESSING

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DYNAMIC LARGE-SCALE BRAIN NETWORKS FOR EMOTIONAL PROCESSING

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Silent lipreading and covert speech production suppress processing of non-linguistic sounds in auditory cortex

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The brains of high functioning autistic individuals do not synchronize with those of others

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Naturalistic fMRI mapping reveals superior temporal sulcus as the hub for the distributed brain network for social perception

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Where and when is audiovisual speech integrated: MEG studies

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Auditory evoked magnetic fields to tones and pseudowords in healthy children and adults

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Human auditory cortical mechanisms of sound lateralization: II. Interaural time differences at sound onset

McEvoy, L., Hari, R., Imada, T. & Sams, M., May 1993, In: *Hearing Research*. 67, 1-2, p. 98-109 12 p.

Human auditory cortical mechanisms of sound lateralization: I. Interaural time differences within sound

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Higher brain functions reflected in MEG

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The human auditory sensory memory trace persists about 10 sec: neuromagnetic evidence

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Whole-head neuromagnetic recordings of responses to deviant auditory stimuli

Levänen, S., Ahonen, A., Hämäläinen, M., Hari, R., Lounasmaa, O. V., Mäkelä, J. P., McEvoy, L., Pardo, P. J. & Sams, M., 1993, Vienna, p. 134-135, (9th International Conference on Biomagnetism, Vienna, Itävalta, 14.-20.8.1993).

Event-related potentials to repetition and change of auditory stimuli

Ritter, W., Paavilainen, P., Lavikainen, J., Reinikainen, K., Alho, K., Sams, M. & Näätänen, R., Nov 1992, In: *Electroencephalography and Clinical Neurophysiology*. 83, 5, p. 306-321 16 p.

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NEUROMAGNETIC CORRELATES OF AUDIOVISUAL SPEECH-PERCEPTION

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Cortical responses to changes in auditory stimuli: Magnetoencephalographic studies

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Seeing faces activates three separate areas outside the occipital visual cortex in man

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The effect of small variation of the frequent auditory stimulus on the event-related brain potential to the infrequent stimulus

Winkler, I., Paavilainen, P., Alho, K., Reinikainen, K., Sams, M. & Naatanen, R., Mar 1990, In: *Psychophysiology*. 27, 2, p. 228-235 8 p.

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Winkler, I., Paavilainen, P., Alho, K., Reinikainen, K., Sams, M. & Näätänen, R., Aug 1989, In: *International Journal of Psychophysiology*. 7, 2-4, p. 439-440 2 p.

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NO VISUAL MISMATCH POTENTIAL FOUND

RADIL, T., NYMAN, G., LAURINEN, P., SAMS, M., PAAVILAINEN, P., REINIKAINEN, K., ALHO, K. & NAATANEN, R., 1988, In: *Activitas Nervosa Superior*. 30, 4, p. 282-283 2 p.

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LYYTINEN, H., NAATANEN, R., ALHO, K., ANTERVO, A., BLOMBERG, A., IKONEN, T., LEPPASAARI, T., PAAVILAINEN, P., REINIKAINEN, K. & SAMS, M., Sept 1987, In: *Psychophysiology*. 24, 5, p. 600-600 1 p.

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BRAIN RESPONSES TO INFREQUENT INTENSITY INCREASES AND DECREASES IN A SEQUENCE OF AUDITORY-STIMULI

NAATANEN, R., PAAVILAINEN, P., ALHO, K., REINIKAINEN, K. & SAMS, M., 1987, In: International Journal of Neuroscience. 34, 3-4, p. 222-222 1 p.

DISAPPEARANCE OF MISMATCH NEGATIVITY DURING SLEEP

CAMMANN, R., PAAVILAINEN, P., ALHO, K., NAATANEN, R., REINIKAINEN, K. & SAMS, M., 1987, In: International Journal of Neuroscience. 34, 3-4, p. 154-155 2 p.

Separability of different negative components of the event-related potential associated with auditory stimulus processing

Alho, K., Paavilainen, P., Reinikainen, K., Sams, M. & Näätänen, R., Nov 1986, In: Psychophysiology. 23, 6, p. 613-623 11 p.

Small pitch separation and the selective-attention effect on the ERP

Alho, K., Sams, M., Paavilainen, P. & Naatanen, R., Mar 1986, In: Psychophysiology. 23, 2, p. 189-197 9 p.

Auditory frequency discrimination and event-related potentials

Sams, M., Paavilainen, P., Alho, K. & Näätänen, R., Nov 1985, In: Electroencephalography and Clinical Neurophysiology. Evoked Potentials. 62, 6, p. 437-448 12 p.

Cerebral neuromagnetic responses evoked by short auditory stimuli

Sams, M., Hämäläinen, M., Antervo, A., Kaukoranta, E., Reinikainen, K. & Hari, R., Oct 1985, In: Electroencephalography and Clinical Neurophysiology. 61, 4, p. 254-266 13 p.

Responses of the primary auditory cortex to pitch changes in a sequence of tone pips: Neuromagnetic recordings in man

Hari, R., Hämäläinen, M., Ilmoniemi, R., Kaukoranta, E., Reinikainen, K., Alho, K., Näätänen, R., Sams, M. & Salminen, J., 7 Sept 1984, In: Neuroscience Letters. 50, 1-3, p. 127-132 6 p.

Short-term habituation and dishabituation of the mismatch negativity of the ERP

Sams, M., Alho, K. & Naatanen, R., Jul 1984, In: Psychophysiology. 21, 4, p. 434-441 8 p.

Sequential effects on the ERP in discriminating two stimuli

Sams, M., Alho, K. & Näätänen, R., Aug 1983, In: Biological Psychology. 17, 1, p. 41-58 18 p.

DETERMINATION OF THE ACTIVITY OF MOTOR CORTEX NEURONS IN BEHAVIOR

ALEXANDROV, Y., GRINCHENKO, Y., SHVYRKOV, V., JÄRVILEHTO, T. & SAMS, M., 1983, In: PSIKHOLOGICHESKII ZHURNAL. 4, 2, p. 74-86 13 p.

Auditory evoked transient and sustained potentials in the human EEG: I. Effects of expectation of stimuli

Hari, R., Sams, M. & Järvilehto, T., Dec 1979, In: Psychiatry Research. 1, 3, p. 297-306 10 p.

Auditory evoked transient and sustained potentials in the human EEG: II. Effects of small doses of ethanol

Hari, R., Sams, M. & Järvilehto, T., Dec 1979, In: Psychiatry Research. 1, 3, p. 307-312 6 p.

Effect of stimulus repetition on negative sustained potentials elicited by auditory and visual stimuli in the human EEG

Järvilehto, T., Hari, R. & Sams, M., Sept 1978, In: Biological Psychology. 7, 1-2, p. 1-12 12 p.

Activities

Creative Technologies

Beloff, L. (Speaker) & Sams, M. (Contributor)
30 Mar 2023

NATURALISTIC EXPERIMENTAL APPROACHES TO MECHANISMS OF HUMAN BEHAVIOR: RELEVANT FOR STUDYING ABSTRACT CONCEPTS?

Sams, M. (Invited speaker)
15 Mar 2021 → 17 Mar 2021

7 Experiences – Aalto Experience Summit to endorse Experience Research as a multidisciplinary research field

Sams, M. (Chair)
1 Sept 2020 → 2 Sept 2020

Emotions: in evolution, in body, in brain

Sams, M. (Speaker)
25 Feb 2019 → 26 Feb 2019

History of Emotions

Sams, M. (Organiser)
7 Nov 2018 → 8 Nov 2018

Ihmisaivojen toiminnan mittaaminen taidekokemuksen kuluessa

Sams, M. (Speaker)
6 Nov 2018

Your in-group influences how you see others

Sams, M. (Speaker)
21 Oct 2018

International Conference on Cognitive Science

Sams, M. (Chair)
18 Oct 2018 → 21 Oct 2018

Psychological Human Cognitive Neuroscience

Sams, M. (Keynote speaker)
18 Oct 2018 → 21 Oct 2018

Decoding Emotions from Brain Activity

Sams, M. (Speaker)
11 Oct 2018 → 12 Oct 2018

Examiner and opponent in Århus Universitet

Sams, M. (Examiner)
28 Jun 2018

Expert evaluator of the planned programme “Biomedical and Health Engineering“

Sams, M. (Reviewer)
10 Jun 2018

Hybrid Labs Symposium

Sams, M. (Speaker)
31 May 2018

Making cognitive neuroscience more psychological.

Sams, M. (Speaker)
1 Nov 2017

Making cognitive neuroscience more psychological.

Sams, M. (Speaker)
29 Oct 2017

Experience Platform (Event)

Sams, M. (Member)
1 Sept 2017 → ...

Kohti psykologista neurotiedettä.

Sams, M. (Speaker)
28 Apr 2017

Evaluator for Assistant Professorship in University of Nottingham

Sams, M. (Examiner)
2017

Early years of N100 and Mismatch Negativity Response in human auditory neuroscience.

Sams, M. (Speaker)
7 Nov 2016

Neurocognition of shared reality.

Sams, M. (Speaker)
31 Oct 2016

Aarhus University

Sams, M. (Visiting researcher)
1 Sept 2016 → 30 Nov 2016

Homophilic Brains?

Sams, M. (Speaker)
28 Apr 2016

Evaluator for promotion to Full Professorhip, Harvard Medical School

Sams, M. (Reviewer)
2016

Attending and Neglecting People

Sams, M. (Member)
16 May 2015 → 20 May 2015

Neural duets: Shared understanding between two brains that are watching movies.

Sams, M. (Speaker)
29 Jan 2015

Evaluator for Associate Professorship in University of Oxford

Sams, M. (Examiner)
2015

Neural duets: Shared understanding between two brains that are watching movies

Sams, M. (Speaker)

14 Nov 2014 → 15 Nov 2014

Studying brain under naturalistic conditions

Sams, M. (Speaker)

2 Jun 2014

Uri Hasson

Sams, M. (Host)

1 Jan 2014

Aalto University (Organisational unit)

Sams, M. (Chair)

2014 → 2017

Aalto University (Organisational unit)

Sams, M. (Chair)

2014 → 2017

Cognition and Emotion (Journal)

Sams, M. (Editor)

2014 → 2017

Lyon Neuroscience Research Center

Sams, M. (Visiting researcher)

2014

Northwestern University

Sams, M. (Visiting researcher)

2014

PloS one (Journal)

Sams, M. (Editor)

2014 → 2017

The Neurosciences and Music V, Dijon, 29.5.-1.6.2014, France

Sams, M. (Contributor)

2014

Processing of emotional valence in the brain.

Sams, M. (Speaker)

11 Jun 2013 → 15 Jun 2013

Brain activity during listening to music and experiencing feelings: naturalistic approach.

Sams, M. (Speaker)

29 Apr 2013

Real-world (almost) caused brain activity.

Sams, M. (Speaker)

22 Apr 2013

Real-world (almost) caused brain activity.

Sams, M. (Speaker)

18 Apr 2013

Studying social brains in real world.

Sams, M. (Speaker)
12 Apr 2013

Intersubjectivity in cognitive neuroscience: Experimentalist's point of view.

Sams, M. (Speaker)
5 Apr 2013

Studying Emotions and music in vivoAALTO project

Sams, M. (Speaker)
8 Mar 2013

Alin Coman

Sams, M. (Host)
1 Jan 2013

2013, San Francisco, USA, 13.-16.4.2013

Sams, M. (Contributor)
2013

Aalto University (Organisational unit)

Sams, M. (Member)
2013 → 2017

Princeton University

Sams, M. (Visiting researcher)
2013

Aalto University (Organisational unit)

Sams, M. (Member)
2012 → 2017

Aalto University (Organisational unit)

Sams, M. (Chair)
2012 → 2015

Doctoral thesis opponent at Aalto University

Sams, M. (Opponent)
2012

University of Oxford

Sams, M. (Visiting researcher)
2012

David McAlpine

Sams, M. (Host)
1 Jan 2011

14th International Congress of ESCAP - European Society for Child and Adolescent Psychiatry, Finland

Sams, M. (Contributor)
2011

34th ARO MidWinter Meeting, Baltimore, Maryland, USA, February 19-23, 2011, USA
Sams, M. (Contributor)
2011

34th ARO MidWinter Meeting, Baltimore, Maryland, USA, February 19-23, 2011, USA
Sams, M. (Contributor)
2011

Georgetown University
Sams, M. (Visiting researcher)
2011

Invited talk in seminar of the Leibniz Institute for Neurobiology, Center for Learning and Memory Research, June 7, 2011, Germany
Sams, M. (Contributor)
2011

Northwestern University
Sams, M. (Visiting researcher)
2011

Seminar in University Medical Center (CMU), University of Geneva, Switzerland
Sams, M. (Contributor)
2011

TheEmbodied Mind: Motion in Communication and Cognition Research, RWTH Aachen University, Germany, 8.-9.4.2011, Germany
Sams, M. (Contributor)
2011

Yhteistyötapaaminen Emotions in science and art, Portugal
Sams, M. (Contributor)
2010

2nd International Conference on Imaging in Neuroscience, Tromsø, 9.-13.9.2009, Norway
Sams, M. (Speaker)
2009

Brain-Learning-Education Network (External organisation)
Sams, M. (Chair)
2009 → 2010

Evaluator for promotion to Associate Adjunct Professor, UCSD, USA
Sams, M. (Reviewer)
2009

Frontiers in Human Neuroscience (Journal)
Sams, M. (Editor)
2009 → 2017

Harry Bronson
Sams, M. (Host)
2009

Jean-Luc Schwartz

Sams, M. (Host)
2009

Kelly Spencer

Sams, M. (Host)
2009

Learning Mind and Brain, Moscow, 16.-20.11.2009, Russia

Sams, M. (Contributor)
2009

Marc Sato

Sams, M. (Host)
2009

Marshall Dawson

Sams, M. (Host)
2009

Nina Kraus

Sams, M. (Host)
2009

RIKEN BSI Joint Workshop on Cognitive and Social Brain, Tokyo, 25.-26.5.2009, Japan

Sams, M. (Speaker)
2009

Acoustics

Sams, M. (Chair)
2008

Acoustics'08 kokous, Pariisi, 27.6.-5.7. 2008, France

Sams, M. (Contributor)
2008

Alfred Kordelin Foundation (External organisation)

Sams, M. (Member)
2008 → 2014

Christian Benoit Muistosymposium, Grenoble, 27.-31.10.2008, France

Sams, M. (Speaker)
2008

Evaluator for promotion to associate professor, Harvard University, USA

Sams, M. (Reviewer)
2008

Foreign Organisation

Sams, M. (Visiting researcher)
2008

International Organization of Psychology annual meeting, Pietari, 11.-13.9.2008., Russia

Sams, M. (Speaker)
2008

Lyon Neuroscience Research Center

Sams, M. (Visiting researcher)
2008

HCSNet SummerFest

Sams, M. (Member)
2007

HCSNet SummerFest '07, University of New South Wales, Sydney, Desember 3-7, 2007, Australia

Sams, M. (Contributor)
2007

Kylliäinen, Anneli (University of Tampere) Finland

Sams, M. (Examiner)
2007

Kylliäinen, Anneli (University of Tampere) Finland

Sams, M. (Opponent)
2007

Northwestern University, USA, October 15, 2007, USA

Sams, M. (Contributor)
2007

Anu Kujala (Helsinki University, Department of Psychology) Finland

Sams, M. (Opponent)
2006

Brain Awareness week, Helsinki Collegium for Advanced Studies, March 16th, Finland

Sams, M. (Speaker)
2006

Chris Davis

Sams, M. (Host)
2006

Cross-modal interaction in natural and artificial cognitive systems (CINACS), Hamburg, September 28, 2006, Germany

Sams, M. (Speaker)
2006

International Cerebral Palsy Conference, Oulu, February 2-5, 2006, Finland

Sams, M. (Speaker)
2006

Josef Raucher

Sams, M. (Host)
2006

PENS/Hertie Winter School 2006. Brain Basis of Social Interaction: From Concepts to Imaging, Kitzbuhel, Austria, December 10-17, 2006, Austria

Sams, M. (Speaker)
2006

R. Holland Cheng

Sams, M. (Host)
2006

University of Helsinki (External organisation)

Sams, M. (Chair)
2006 → 2017

Vesa Talvitie (Helsinki University, Department of Psychology) Finland

Sams, M. (Examiner)
2006

Yurii Alaxandrov

Sams, M. (Host)
2006

Doctoral thesis opponent at University of Oxford, UK

Sams, M. (Opponent)
2005

Evaluator for promotion of associate professor to full professor, Tilburg University, The Netherlands

Sams, M. (Reviewer)
2005

Määttä, Sara (Kuopion yliopisto)

Sams, M. (Examiner)
2005

8th International Congress on Spoken Language Processing, Jeju, South-Korea, October 4-8, 2004, South-Korea

Sams, M. (Contributor)
2004

Evaluator for promotion for a position of associate professor in radiology: Giorgio Bonmassar, Harvard Medical School

Sams, M. (Reviewer)
2004

Brain Research (Journal)

Sams, M. (Editorial board member)
2002

Human Brain Mapping (Journal)

Sams, M. (Editorial board member)
2002

Journal of Cognitive Neuroscience (Journal)

Sams, M. (Editorial board member)
2002

Psychophysiology (Journal)

Sams, M. (Editorial board member)
2002

Aalto University (Organisational unit)

Sams, M. (Member)

2001 → 2017

Yuri I. Alexandrov

Sams, M. (Host)

2001

Doctoral thesis opponent at University of Helsinki

Sams, M. (Opponent)

2000

Polysteekki (Journal)

Sams, M. (Editorial board member)

2000 → 2008

Dominic Massaro

Sams, M. (Host)

1998

Donald Schankweiler

Sams, M. (Host)

1998

Yuri I. Alexandrov

Sams, M. (Host)

1998

International Organization of Psychophysiology (External organisation)

Sams, M. (Chair)

1997 → 2003

Doctoral thesis opponent at University of Bergen

Sams, M. (Opponent)

1996

Tampere University (External organisation)

Sams, M. (Member)

1996 → 1998

TIEDE (Journal)

Sams, M. (Editorial board member)

1996 → 2006

Academy of Finland (External organisation)

Sams, M. (Member)

1995 → 2002

Brain Research Society of Finland (External organisation)

Sams, M. (Member)

1995 → 2002

Prizes

International Samuel Sutton prize of the Society for Psychophysiology for 'The best dissertation in psychophysiology in 1985–1986'.

Sams, M. (Recipient), 1987

Projects

Kasvokkain/Nummenmaa/TY

Sams, M. (Principal investigator) & Volynets, S. (Project Member)

01/09/2016 → 31/12/2016

XTREME: Mixed Reality Environment for Immersive Experience of Art and Culture

Sams, M. (Principal investigator)

01/01/2024 → 31/12/2026

MAGICS: National Infrastructure for human virtualization and remote presence

Sams, M. (Principal investigator) & Ruotoistenmäki, A. (Project Member)

01/07/2020 → 30/11/2021

Neuroscience of intergroup processes

Sams, M. (Principal investigator), Chang Arana, A. (Project Member), Himberg, T. (Project Member) & Ertas Yorulmaz, G. (Project Member)

01/09/2017 → 31/12/2021

-: XTREME WP 1 NBE

Sams, M. (Principal investigator)

01/01/2024 → 31/12/2026

-: XTREME WP 2 NBE

Sams, M. (Principal investigator) & Kloft, A. (Project Member)

01/01/2024 → 26/12/2031

-: XTREME WP 3 NBE

Sams, M. (Principal investigator)

01/01/2024 → 31/12/2026

-: XTREME WP 4 NBE

Sams, M. (Principal investigator)

01/01/2024 → 31/05/2026

-: XTREME WP 5 NBE

Sams, M. (Principal investigator) & Kloft, A. (Project Member)

01/01/2024 → 31/12/2026

-: XTREME WP 6 NBE

Sams, M. (Principal investigator)

01/01/2024 → 31/05/2026