


Contributors to This Issue

Racula A. Briazu

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Prior to her PhD Raluca's interest was in psychological measurement, namely in understanding how widely used measures of cognition are used in clinical trials of neurodegenerative disorders. In her PhD research Raluca used this psychometric knowledge to develop novel measurement paradigms in order to assess counterfactual thinking and deception. Currently her research is concerned with investigating how people use hypothetical ideas about how things could have been in order to generate deceptive statements.



Pamela Gloria Cajilig

Pamela Gloria Cajilig is an anthropologist who practices at the intersection of design and disaster. She is President and Co-Founder of Curiosity, a Manila-based design consulting firm that works with the private sector, NGOs, and the government. Pamela is an International Fellow of the Humanitarian Innovation Initiative of the Watson School of Public and International Affairs at Brown University; she finished BA Communication Research and MA Anthropology at the University of the Philippines.

Monika Chylińska


Monika Chylińska – PhD student at Catholic University of Lublin (KUL), Faculty of Philosophy, and the recipient of the research grant of National Science Centre in Poland (PRELUDIUM, 2017-2019). Previously, she has taught cognitive neuroscience and carried out creativity trainings for students of cognitive science at KUL. She has gained MA in philosophy and psychology (KUL, Vrije Universiteit in Amsterdam). Her research interests include the cognitive approach to creativity and imagination. At present, she studies the role of counterfactual imagination in pretend play, searching at the same time for cognitive foundations of human and non-human creativity.



Thomas R. Colin

Thomas R. Colin received a MSc degree in software engineering from EFREI in 2008, and a MSc degree (cum laude) in Cognitive Artificial Intelligence from Utrecht University in 2013. He is currently a PhD student within the CogNovo program at Plymouth University, where he focuses on developing an interdisciplinary understanding of creativity by bringing together perspectives from cognitive psychology, especially insight problem-solving, and Artificial Intelligence, especially (deep) Reinforcement Learning.


Susan L. Denham

 orcid.org/0000-0002-0988-5672

Susan Denham is Professor of Cognitive and Computational Neuroscience, in the School of Psychology at the University of Plymouth. Her research is aimed at understanding auditory perception using experimental investigations and neuro-computational modelling with a view towards identifying principles of biological computation which can be used in the development of novel brain-inspired technologies. She was founding director of the Cognition Institute at the University of Plymouth, a cross-faculty grouping of researchers interested in multidisciplinary research collaboration. She currently coordinates the CogNovo programme.




Hannah Drayson

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Intermedia artist and lecturer in the School of Art, Design and Architecture at the University of Plymouth, UK. Her research explores the technical and conceptual manifestations of the embodied imagination. She is co-convenor of Transtechnology Research.


Guy Edmonds

 orcid.org/0000-0002-5841-7947

Guy Edmonds is a professional film restorer and archivist and Marie Curie fellow of Early Cinema and Cognitive Creativity at Plymouth University where he is a member of the CogNovo doctoral training programme. His research interests revolve around exploring and understanding the affective potential of the moving image, especially in regard to early film technology and historical film material.




Mathew Emmett

 orcid.org/0000-0001-9283-873X

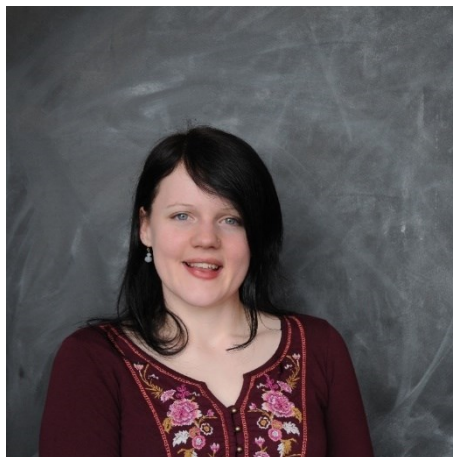
Dr Mathew Emmett, is an experimental architect, artist, composer and academic. He works across constructs of hybrid space, site-responsive installation, data-generated sound and emerging technologies. Among other collaborations and international commissions Emmett works with the avant-garde artist Eberhard Kranemann, choreographer Adam Benjamin, Perception Lab and Charles Jencks. In June 2016

Emmett performed Sender Receiver using a digitally augmented bullroarer to communicate with This Is Where We Are, a data-driven digital sculpture created by i-DAT at the Tate Modern.

Kathryn B. Francis

 orcid.org/0000-0002-3875-8904

Kathryn B. Francis is currently a Postdoctoral Research Fellow in the Department of Philosophy and School of Psychology at the University of Reading, UK. Prior to starting her postdoctoral position, Kathryn received her PhD in psychology from Plymouth University, UK. Kathryn's research interests concern the judgment-behaviour gap in moral decision-making. To investigate this gap, Kathryn has compared moral actions simulated in virtual reality, to moral judgments made in theoretical scenarios. More broadly, Kathryn's work examines responses to philosophical thought experiments, presented in various modalities, in both morality and epistemology.



Jane Grant


Jane Grant is an artist and writer. Her work explores ideas in art and science, specifically astrophysics, neuroscience and the history of scientific ideas. Her sonic artwork *Ghost* was premiered at ISEA Istanbul. Jane sometimes works collaboratively creating award winning works such as *The Fragmented Orchestra*, a vast sonic artwork based on neuronal firing patterns in the brain, which won the PRSF Award for New Music and an Honorary Mention at PrixArs and *Plasticity*. She recently created *Fathom*, a huge artwork that sonically immersed participants in an underwater sound environment by creating a sonic surface 6ft above the floor.

Joanna Griffin

Joanna Griffin is an artist/researcher. She completed her PhD at Plymouth University in 2014 (funded by the Arts and Humanities Research Council) where she was based with the Transtechnology Research group. Her thesis considered the ways that space technology is experienced in the social domain and was based on her experience of leading a creative education project at Srishti Institute of Art, Design and Technology in Bengaluru called Moon Vehicle in collaboration with Chandrayaan mission scientists at ISRO.



Agi Haines

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Before becoming a CogNovo fellow Haines studied Graphic Design and attended the Design Interactions programme at the Royal College of Art, while also working as a sculptor, studio hand and production assistant. The main focus of her work is the design of the human body. How might people respond to the possibilities of our body as another everyday material and how

far can we push our malleable bodies while still being accepted by society? Expressing this research through fabrication, film and effects she is currently broaching these topics in her PhD research and through talks, teaching and exhibitions.

Calin Hopsitar

Calin Hopsitar is a research assistant in the Developmental Psychology Lab, at the Department of Psychology, Faculty of Psychology and Sciences of Education, Babeş-Bolyai University. He is also a second year Master student in Behavioral Control and Human Potential Development Techniques, in the Clinical Psychology and Psychotherapy Department, Babeş-Bolyai University. His research interests include: the impact of fundamental research on clinical practice, cognitive flexibility, psychopathology, couples therapy and CBT and neuroscience of mental disorders.

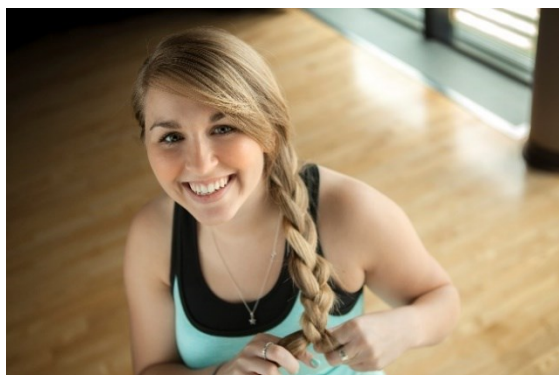


Thea Ionescu


Thea Ionescu is Associate Professor at the Department of Psychology, Faculty of Psychology and Sciences of Education, Babeş-Bolyai University, Romania. She teaches Developmental Psychology and she is a researcher in the Developmental Psychology Lab, where she coordinates the Flexibility and Grounded Cognition group. Her research interests include: cognitive flexibility, categorization, giftedness, insight problem solving, and the implications of the grounded cognition approach for human development and education.

Abigail Jackson

Abigail Jackson is an PhD candidate with Transtechnology Research at Plymouth University, funded by AHRC's 3D3 Centre for Doctoral Training. Her multidisciplinary research aims to facilitate improvised, responsive, movement sessions, in the development of a creative intervention, for autistic children, with digital mediation embedded in its investigation. This project aligns with research concerning the affiliation with technology, for the autistic child, which is reflected in her position of SEN Research and Development Associate at The University of Lincoln.




Peter M. Jones

 orcid.org/0000-0002-7803-8469

Peter Jones is a lecturer in Psychology at Plymouth University. His research examines mechanisms of learning, memory, and decision making in humans and other animals. He is particularly interested in the attribution of causality between events, and how multiple potential causes of an effect interact with one another in these judgments. He is also interested in how these ideas can be applied to practical problems such as navigation and the acquisition of food preferences.


Jacqui Knight

 orcid.org/0000-0002-1608-4064

Jacqui Knight MA is a Marie Curie (ITN) research fellow with the Cognition Institute, and contributing researcher with Transtechnology Research at Plymouth University. As a practicing artist and doctoral researcher, she is concerned with the simultaneity of experiences as a 'generative moment' that brings an artefact into existence and results in the emergence of artistic forms. Her research uses artistic practice specifically photography and film as a tool to understand the conditions of these generative processes and their affective implications. She lectures across various institutions in the South West of England and is co-founder of artist film lab Cinestar based in Cornwall, dedicated to supporting creative work with analogue film through experimental workshops, screening events and education. She has exhibited and curated numerous film screening events and group exhibitions throughout the UK and has had a solo show at Nancy Victor Gallery, London. Her work has been published in numerous specialist art journals.




Michael Sonne Kristensen

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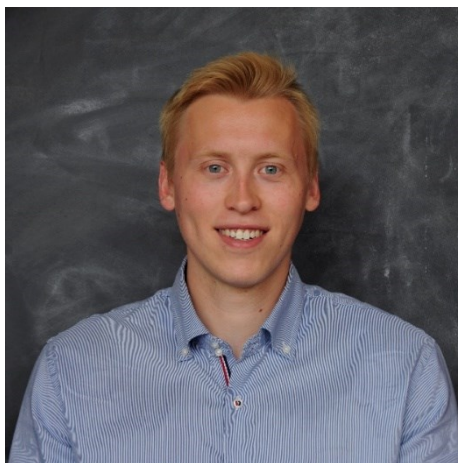
I am generally interested in epistemological, methodological, and semiotic questions regarding the relationship between phenomenological perception, language and principles of cognition, especially in relation to auditory meaning making. The theme of my current research is innovation of ethnographic methods to capture, measure, and structure the cognitive ecology of highly alarm-dependent socio-technical environments. My work revolves

around the particular contexts of intensive care and space mission control operations. It aims to provide a data-rich multi-layered and multi-perspectival account of alarm-related interactions; that is, a deep analysis of local events in relation to more global events, integrating first, second and third person perspectives. The more general vision of my research is to address fundamental challenges of developing the pre-empirical conceptual frameworks that structure and shape how we measure, think and talk about evidence in the social sciences.

François Lemarchand

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François Lemarchand received his BSc in Software Development from the Institute of Technology Carlow, Ireland, and his MSc in Cognitive Science from University College Dublin, Ireland, in 2012 and 2013, respectively. He was holder of a Marie Curie Fellowship for early career researcher from 2014 to 2017. He is currently pursuing a PhD degree in Computer Science and is part of CogNovo, a transdisciplinary doctoral programme, at Plymouth University, United Kingdom. His research interests include Neuroaesthetics, computational aesthetics, and image and video processing.




Shaun Lewin

I started out as an ecologist but after a period watching and counting organisms, I decided I was happier making maps of other people's observations.

Cartography has proven to be a fascinating journey through a heterogeneous assemblage of oeconomics, communal map making and data visualisation.

This work has had an impact upon me that exceeds the interests of my customers, so I share sounds, images and words that constitute my making sense of making sense of the world.


Frank Loesche

 orcid.org/0000-0002-7780-6438

Frank Loesche is interested in creative, non-obvious, and playful problem solving. After working ten years as a computer scientist in an inspiring interdisciplinary and collaborative software development team in the semiconductor industry, he joined the CogNovo programme. Here he started to study the temporal aspects of Eureka moments by observing creative problem solving of architects, developing an experimental paradigm, and tracing epiphanies through multidisciplinary discourses. For his engagement with interdisciplinary research he was nominated “Best Collaborator” by partners and researchers of CogNovo. He considers this multifaceted research a useful experience for understanding and applying Cognitive Innovation in his future endeavours.




Klara Łucznik

 orcid.org/0000-0002-3015-8445

Klara Łucznik holds an M.A. in Psychology (Warsaw University, PL) and an M.A. in Choreography and Dance Theory (The F. Chopin University of Music, PL). In her PhD project she explored the shared creative process and the role of group flow in dance practice focusing on improvisation. Her research interests focus on how people collaborate, exchange ideas, and inspire each other while creating together. Having a background in psychol-

ogy and dance gives her an eclectic, interdisciplinary approach to her studies, as she seamlessly shifts between being a researcher and a dance practitioner. She sees creativity as a highly social process where the quality of collaboration is as much important as having original ideas.


Liam Maloney

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Liam Maloney is a Ph.D researcher at the University of York. His research explores the interplay between listening and self-selected goals. His thesis examines how these factors can be tracked and compiled to create a truly contextual music recommendation system. He also researches disco and house music and their relevance to African American and LGBT history.



Diego S. Maranan

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As an artist, researcher, and educator, I use technology to question and improve our relationship with our bodies. I am passionate about bringing together art, science, and technology for positive change. I advise for Curiosity, a design strategy firm in Manila that has impacted thousands of lives; co-founded SEAD, an interplanetary network of individuals working in art, science, engineering & advocacy; advise for WeDpro, an NGO

that protects women & youth in the Philippines against all forms of violence; and teach at the University of the Philippines Open University.

Alexandra Marian

Alexandra Marian holds a Master in Counselling and Psychological Interventions in Human Development, Department of Psychology, Faculty of Psychology and Educational Sciences, Babeş-Bolyai University, Cluj-Napoca, Romania. She works as a psychologist at a resource centre for adolescents in Cluj-Napoca. In addition, she is a research assistant in the Developmental Psychology Lab, in the Flexibility and Grounded Cognition group. Her main research interests are: cognitive flexibility, language flexibility and the implications of the grounded cognition approach in human development and education.



John Matthias

John Matthias is a musician and composer who has released five albums via Accidental, Ninja Tune, Nonclassical and Village Green. He has collaborated with many artists including Radiohead, Coldcut, Jane Grant and Stanley Donwood and has had his music performed internationally including at The Royal

Opera House, London, The Pompidou Centre in Paris and the South by Southwest Music Festival USA. He is Associate Professor in Sonic Arts at Plymouth University, UK and has a Ph.D in Theoretical Physics from Exeter University, UK.

Chris Mitchell

Chris Mitchell is a cognitive psychologist working in the areas of learning, memory and attention. His main research focus has been on the role of high-level cognitive processes in human associative learning. He has also published on perceptual learning and liking. His current research concerns human instrumental learning and Pavlovian-instrumental interactions.



Paula Moldovan

Paula Moldovan completed a master's program in Counselling and Psychological Interventions in Human Development, Faculty of Psychology and Educational Sciences, Babeş-Bolyai University, Cluj-Napoca, Romania. Currently, she works in the HR domain and volunteers as a vocational counselor at the Career Center of the University. In addition, she is a research assistant in the Developmental Psychology Lab, in the Flexibility and Grounded Cognition group. Her main research interests are: cognitive control, cognitive flexibility and executive functions in human development.




Mona Nasser

Mona Nasser DDS MSc PegCert FHEA is the Associate Professor in Evidence Based Dentistry in Peninsula Dental School, Plymouth University, affiliated researcher with the Cognition Institute, and Clinical Trials and Population Studies Group in Plymouth University. She is the founder and co-convenor of the Cochrane Priority setting Methods group and a member of the steering group of the Evidence based Research Network. Her key research interests:

conducting meta-research on how research funders contribute to reducing research waste, oral Health Inequalities, methods in setting research priorities, conducting systematic reviews in aerospace medicine, interdisciplinary research to address priority research questions.



Pinar Oztop

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Pinar Oztop is a Postdoctoral Teaching Fellow in Early Childhood Department, at Liverpool Hope University. She has received her B.S. in Psychology at Middle East Technical University and her M.A. in Developmental Psychology at Koç University. She recently completed her PhD in the multidisciplinary CogNovo program, at the University of Plymouth. In her PhD, she focused on understanding the dynamics of group creativity and

found that different forms of intersubjectivity play an important role on the group creativity processes of children and adults. Moreover, she is also interested in understanding how children work in groups and the role of digital technology in children's collaborations.

Beatrix Perde

Beatrix Perde studies Forensic Psychology at the Department of Psychology, Faculty of Psychology and Sciences of Education, Babeş-Bolyai University, Romania. She is a member of the Flexibility and Grounded Cognition research group in the Developmental Psychology Lab. Her main research interests are: language, cognitive flexibility, embodied cognition/mind.



Michael Punt


Michael Punt is a Professor of Art and Technology at the University of Plymouth. He is the founding convenor of Transtechnology Research and is an international co- editor for Leonardo and Editor-in-Chief of Leonardo Reviews that publishes in excess of 150 reviews each year on science technology and the arts. He has founded Leonardo Quarterly Reviews, an experimental publishing platform published through MIT Press and UT Dallas, which is a digest of review items contextualized by newly commissioned essays on 'burning issues' in the art, science, technology debates.

Doris Rogobete

Doris Rogobete has graduated the Clinical Psychology, Psychological Counselling and Psychotherapy Master, Faculty of Psychology and Sciences of Education, Babeş-Bolyai University, Romania. She works as a collaborator in a project that aims at constructing computerized tests for executive functioning and is a member of the Flexibility and Grounded Cognition research group in the Developmental Psychology Lab. Her main research interests are: cognitive flexibility, language, executive functioning, technology and the implications of the grounded cognition approach in human development and education.



Jess Rymer

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Jess is a composer and academic from the UK; she read music at Bath Spa University and completed a research based masters at the University of Malta. Jess has presented research at academic events both in the UK and abroad. As a composer Jess recently worked on collaborative projects with Zfin Malta and Jess' recent works have been performed at festivals including the Strada Stretta Concept, the Malta Arts Festival, the Mdina Biennale and the Holburne Museum Partnership. Jess is a co-founder of For Your Ears Only! the only organisation committed to showcasing contemporary music in Malta, and founder of the Malta Sound Women Network.

Aska Sakuta

Aska Sakuta is a Ph.D. candidate at the University of Chichester, working on an interdisciplinary research project (Dance/Sports & Exercise Science) focusing on the experience of Flow which appears during meditative movement performance. She holds an M.F.A. from the University of California, Irvine, specialising in improvisation and Eastern movement philosophies, and a B.A. from Waseda University (Japan). Her current research project extends the context of Eastern philosophy to multiple academic fields such as psychology, cognitive science, and neurophenomenology.



Eleonora Siarava

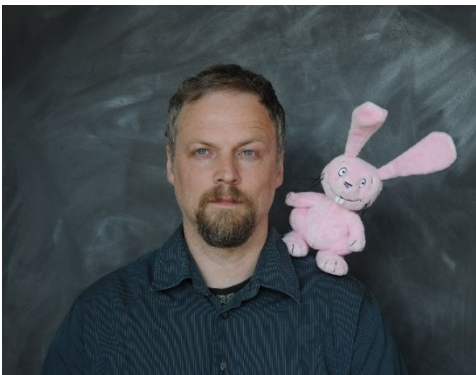
Eleonora Siarava is choreographer, performer and researcher. She holds an MA in Dance Making and Performance (Distinction) from Coventry University and a BA in Psychology (Greece). Her doctoral thesis is about “The multiple meaning in Abstract Dance: The choreographic synthesis and the possibilities provided by Perception Theories” (AUTH-Department of

Theatre). Her research and artistic practice refer to the relationship between aesthetic forms, cognitive principles, moving patterns and kinesthetic empathy. Currently she is making part of her research at Giessen University and the Academy for Performing Arts in Frankfurt. She is the artistic director of Per_Dance, a platform of choreographic research www.per-dance.com


Eugenia Stamboliev

Eugenia Stamboliev is a PhD fellow in Media Philosophy/Digital Humanities as part of the Marie-Curie network, CogNovo. In parallel, she is a PhD student in Philosophy and Critical Thought at the European Graduate School and contributes as an associated researcher to the Transtechnology Research group at Plymouth University. Her current PhD research

explores the dependence between gestures and digital technologies, specifically, by focussing on the ethical and social dimension of tracking gestures. She further researches on (non)representative interventions on migration and displacement in documentary film.



Michael Straeubig

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Michael Straeubig (@crcdng) is a game designer, computer science graduate and creative coder, exploring the relationships between systems, games and playful experiences in various media with a focus on mixed reality and posthuman play.

Published games include “Secret City -


Missing Max,” “Speed Gardening Guerrilla,” “Tidy City,” “Eine gegen Eine,” and a number of events and theatrical / experimental interactions. Michael is a Marie Curie Fellow / PhD candidate at Plymouth University and a Lecturer for Game Arts and Design at Plymouth University.

Ligia Suci

Ligia Suci is psychologist in private practice. She is a psychotherapist and Certified Parent Educator - Circle of Security. She is assisting parents to build secure relationships with their children. She is collaborator of Developmental Psychology Laboratory of Faculty of Psychology and Sciences of Education, Babeş-Bolyai University, Romania. Her interests include: cognitive and behavioral inhibition, dynamics of family relationships, cognitive flexibility, and applications of human development research in clinical practice.




Mihaela Taranu

 orcid.org/0000-0002-3673-2751

Mihaela Taranu held a Marie Curie Fellowship at University of Plymouth (2014–2017). Her interests are in perception, cognition and consciousness and in why do we perceive the reality the way we do. In her thesis she investigated how our perceptual systems can consistently disambiguate and interpret ambiguity from the environment in order to obtain a stable perception of the world. Her scientific interests are

addressed within an interdisciplinary context, with experimental psychology, developmental psychology and neuroscience methodologies. In future research she wants to bridge these disciplines with the study of individual differences, atypical development and mental disorders.


Iliara Torre

 orcid.org/0000-0002-8601-1370

I am interested in the amazing capabilities humans have to convey meanings with a limited set of phonemes and with very small changes in the speech signal. It's fascinating how such minimal changes are perceived and immediately reacted upon by the listener. In my PhD as part of the CogNovo programme, I investigated how voice influences trustworthiness attributions in listeners, and how this perception is shaped by behavioural experience. I used a methodology based on game theory, which allows to collect implicit measures of trust. I hope to keep working on similarly innovative practical research in the future.



Vaibhav Tyagi

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I am a cognitive neuroscientist with a background in neuroimaging, social psychology, machine learning and bioinformatics. I am currently interested in investigating factors that influence creativity such as social risk taking, political affiliation and predictors of prejudice (such as right-wing authoritarianism). My doctoral research was embedded within an interdisciplinary collaborative research program (CogNovo) which focused on exploring the cognitive, computational and artistic dimensions of creativity.


I believe research collaborations such as CogNovo are at the heart of most successful experiences in research and can contribute immensely to the personal and professional development of researchers.

Roxana Vescan

Roxana Vescan has a Master's degree in Counseling and psychological interventions in the human development, Faculty of Psychology and Sciences of Education, Babeş-Bolyai University, Cluj-Napoca, Romania. She works as a vocational counselor at the Career Center, Babeş-Bolyai University and she is also a research assistant in the Developmental Psychology Lab, in the Flexibility and Grounded Cognition group. Her research interests are: insight problem solving, volunteering and the effects of volunteering on the development of young adults.




Thomas Wennekers

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Thomas Wennekers studied Physics at the Heinrich-Heine University (Duesseldorf, Germany) and Computer Science at the University of Ulm (Germany), where he received a PhD in Computer Science in 1997. He was postdoctoral research fellow at the Max Planck Institute for Mathematics in the Sciences (Leipzig) from 1999 to 2003, and Juniorprofessor in Theoretical Neuroscience at the Ruhr-University Bochum in 2003. Since November 2003 he

is Reader in Computational Neuroscience at Plymouth University (UK). His research interests are large-scale spiking neuron models of sensory, perceptual and cognitive functions, and their application in future computing technologies.


Joanne “Bob” Whalley

 orcid.org/0000-0001-8040-4192

Whalley is Lecturer in Theatre & Performance at Plymouth University, UK and has a private practice as a TCM and Five Element acupuncturist. Her key interests are 'patient practices' within a medical humanities context, and she teaches medical humanities to third and fourth year medical students. Other research interests include intersubjectivity and shared affect, collaborative strategies, site-specific performance, the radical domestic, traditional Chinese medicine, and animality and performance. Her research as a performance practitioner and scholar, is cleaved with Lee Miller with whom she undertook a joint practice as research PhD.



Tara Zaksaitė

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Tara Zaksaitė is a Research Associate in the True Potential Centre for Public Understanding of Finance, at the Open University. As part of an interdisciplinary team she is exploring an effectiveness of an intervention aimed to encourage people to save money, so that they can avoid debt in case of a financial emergency. Part of her PhD work explored the link between measures of creativity and learning about irrelevant information. Her research interests include attention, learning, reasoning, and decision-making.