

December 11 to 13, 2024

Foraging conference

Mechanisms of foraging, information seeking and exploration

LYON, France

Organizers : Ilya Monosov, Emmanuel Procyk

Local organizing committee: Mateus Joffily

11/12/2024

Wednesday

	Hour	Duration		
COFFEE	08:00		Welcome - badge	
	09:00	00:10	Opening	
Session 1	09:10	00:35	S. Bouret	* Foraging cognition in primate societies: an interdisciplinary approach in behavioral ecology and cognitive neuroscience
	09:45	00:35	A. Rosati	* The evolution of foraging cognition in primates
COFFEE	10:20	00:30	break	
	10:50	00:35	C. Constantinople	* The role of the orbitofrontal cortex in state inference
	11:25	00:35	P. Faure	* Inter-Individual Variation in Reward-Seeking Strategies and Division of Labor in Mice Microsocieties
	12:00	00:45	Discussion	Moderator: Maryann Noonan
	12:45	01:40	LUNCH + POSTERS	
Session 2	14:25	00:35	M. Rushworth	* A distributed circuit spanning cingulate cortex and dorsal raphe nucleus for behavioural change during foraging
	15:00	00:35	M Watabe-Uchida	* Dynamical threat-coping under reward-threat conflict
COFFEE	15:35	00:30	break	
	16:05	00:35	E. Bromberg-Martin	* Neural circuits and theory of information seeking
	16:40	00:45	Discussion	Moderator: Charlie Wilson
	17:25		stop	

12/12/2024**Thursday**

	Hour	Duration		
COFFEE	08:30	00:30		
Session 3	09:00	00:35	I. Couzin	* The dynamics of exploration and decision making
	09:35	00:35	M. Mathis	* Dynamic decision-making in virtual reality
COFFEE	10:10	00:30	break	
	10:40	00:35	J. Bussell	* The desire for knowledge: representations of the intrinsic value of information in mouse orbitofrontal cortex
	11:15	00:35	J. Cohen	* Neuromodulation of foraging
	11:50	00:45	Discussion	Moderator: Jacqueline Scholl
	12:35	01:40	LUNCH + POSTERS	

Session 4	14:15	00:35	S. Datta	* A novel neural circuit supporting exploration
	14:50	00:35	N. Kolling	* On the neural substrates of planning, changing motivation and incremental goal pursuit
COFFEE	15:25	00:30	break	
	15:55	00:35	J. O'Reilly	* Behavioural drives, inference and learning
	16:30	00:45	Discussion	Moderator: Ilya Monosov
	17:15		stop	

13/12/2024**Friday**

	Hour	Duration		
COFFEE	09:30			
				9:30 - 11:00 EVEN numbers
		3:00	POSTERS	11:00 - 12:30 ODD numbers
	12:30	01:40	LUNCH + POSTERS	

Session 5	14:10	00:35	A. El Hady	* What are foraging models good for ?
	14:45	00:35	V. Wyart	* Alternatives to foraging? Moving up (and down) the ladder of causality in humans
	15:20	00:35	A. Soltani	* Foraging Behavior and Matching Law: A cross-species comparison
	15:55	00:45	Discussion	Moderator: Andrea Brovelli
	16:40		END	

NB	AUTHORS	TITLE	LABS	LINK TO ABSTRACTS (Login required)
1	Boyd-Meredith jonathan Tyler (1), Piet alex (2), Kopec charles, Brody carlos (3) (4)	A cognitive process model captures near-optimal confidence-guided waiting in rats	1 - Sainsbury Wellcome Centre (United Kingdom), 2 - Allen Institute [Seattle] (United States), 3 - Princeton Neuroscience Institute [Princeton] (United States), 4 - Howard Hughes Medical Institute (United States)	https://foragingconf.scienceconf.org/590091
2	Nemeth erik (1)	A computational study of the epistemic role of hippocampal replay	1 - Action, Cognition, Interaction et Décisions Encorpées (France)	https://foragingconf.scienceconf.org/588356/document
3	Grima laura (1), Guo yipei (2), Narayan lakshmi (1), Hermundstad ann (1), Dudman josh (1)	A global dopaminergic learning rate enables adaptive foraging across many options	1 - Janelia Research Campus [Ashburn] (United States), 2 - Institute of High Performance Computing (Singapore)	https://foragingconf.scienceconf.org/588798/document
4	Reynders janne (1), Verguts tom (2), Braem senne (2)	A model-based investigation into strategic variable behavior.	1 - Ghent University, Department of Experimental Psychology (Belgium), 2 - Ghent University, Department of Experimental Psychology (Belgium)	https://foragingconf.scienceconf.org/589927/document
5	Oña Jodar tiffany (1), Cruz bruno (2), Unokesan olivia (2), Ramirez travis (2), Nguyen huy (2), Nguyen katrina (2), Vazquez sonya (2), Jung joon (2), Mars nathan (2), Cahoon alex (2), Driscoll laura (2), Poo cindy (2)	A novel olfactory patch foraging task to study decision making in head-fixed mice	1 - Allen Institute for Neural Dynamics [Seattle] (United States), 2 - Allen Institute for Neural Dynamics [Seattle] (United States)	https://foragingconf.scienceconf.org/586796/document
6	Harkin emerson (1), Grossman cooper (2), Cohen jeremiah (3), Béique jean-Claude (4), Naud richard (4)	A prospective code for value in the serotonin system	1 - Max Planck Institute for Biological Cybernetics (Germany), 2 - California Institute of Technology (United States), 3 - Allen Institute for Neural Dynamics (United States), 4 - University of Ottawa (Canada)	https://foragingconf.scienceconf.org/590089/document
7	Cogliati Dezza irene (1) (2) (3)	A reinforcement learning model for doomscrolling	1 - Department of Experimental Psychology, University College London (United Kingdom), 2 - Department of Experimental Psychology, Ghent University (Belgium), 3 - Université libre de Bruxelles (Belgium)	https://foragingconf.scienceconf.org/586604/document
8	Tesmer alexander (1), Polania rafael (1), Burdakov denis (1)	A subcortical basis for policy compression	1 - ETH Zurich (Switzerland)	https://foragingconf.scienceconf.org/590035/document
9	Ahmadlou mehran (1) (2), Yasaminshirazi maryam (1), Zhang pan (2), Dziubek julia (2), Rogers isaac (2), Hofer sonja (1)	A subcortical switchboard for perseverative, exploratory and disengaged states	1 - Sainsbury Wellcome Centre (United Kingdom), 2 - Sainsbury Wellcome Centre, UCL (United Kingdom)	https://foragingconf.scienceconf.org/590498/document
10	Iwaoki haruhiko (1), Minamimoto takafumi (1)	A Virtual Reality System for Investigating Reward-Independent Exploration in Macaques	1 - National Institutes for Quantum Science and Technology (Japan)	https://foragingconf.scienceconf.org/589843/document
11	Dahmou hicham (1) (2), Benistant julien (3), Moisan Frédéric (4), Dreher jean-Claude (1)	Agent-Based Modeling of Asynchronous Network Formation Games	1 - Institut des sciences cognitives Marc Jeannerod - Centre de neuroscience cognitive - UMR5229 (France), 2 - Université Claude Bernard Lyon 1 - Faculté des sciences (France), 3 - Université de Lille: Faculté des Sciences Juridiques, Politiques et Sociales (France), 4 - Groupe d'Analyse et de Théorie Economique Lyon - Saint-Etienne (France)	https://foragingconf.scienceconf.org/587291/document
12	Lemercier clement E. (1), Garcia samuel (1), Walker jean-Jacques (1), Messaoudi belkacem (1), Courtiol emmanuelle (1)	Arousal and behavioral self-regulation in a sustained olfactory attention task	1 - Université Claude Bernard Lyon 1, CNRS, INSERM, Centre de Recherche en Neurosciences de Lyon CRNL U1028 UMR5292, CMO, Centre Hospitalier Le Vinatier - Bâtiment 452, Neurocampus Michel Jovet - 95 Bd Pinel - 69675 Bron Cedex - France (France)	https://foragingconf.scienceconf.org/588366/document
13	Piet alex (1), Hagihara kenta (1), Lee rachel (1), Ponvert nick (1), Zhixiao su (1), Arkhipov anton (1), Cohen jeremiah (2)	Behavioral diversity in mouse foraging experiments	1 - Allen Institute (United States), 2 - Allen Institute (United States)	https://foragingconf.scienceconf.org/590307/document
14	Ghambaryan anush (1), Koehlin etienne	Beyond prospect theory: an alternative model of human decision-making in uncertain and changing environments	1 - Anush Ghambaryan (France)	https://foragingconf.scienceconf.org/590211/document

15	Benjamin lucas (1) (2), Morillon benjamin (3), Wyart valentin (4)	Bidirectional interactions between sensory accumulation and rule learning in a sequence prediction task	1 - Laboratoire de Neurosciences Cognitives & Computationnelles (France), 2 - Institut de Neurosciences des Systèmes (France), 3 - Institut de Neurosciences des Systèmes (France), 4 - Laboratoire de Neurosciences Cognitives (France)	https://foragingconf.science.sconf.org/586987/document t
16	Roig anthony (1) (2), Ferretti arianna (1), Gastaldi serena (1), Meunier hélène (2) (3), Addessi elsa (1)	Bold by the Years: Age and Experience Narrow the Description-Experience Gap in Brown Capuchins (<i>Sapajus</i> spp.)	1 - Unit of Cognitive Primatology and Primate Center, Institute of Cognitive Sciences and Technologies, CNR, Rome, Italy (Rome Italy), 2 - Centre de Primatologie de l'Université de Strasbourg, Niederhausbergen, France (France), 3 - Laboratoire de neurosciences cognitives et adaptatives (France)	https://foragingconf.science.sconf.org/588131/document t
17	Zanini alessandro (1), Dureux audrey <audrey.dureux@gmail.com> (1), Everling stefan <severlin@uwo.ca> (1) (2)	Cognitive Flexibility and Decision-Making in Marmoset Foraging Behaviour: An fMRI Approach	1 - Robarts Research Institute [Canada] (Canada), 2 - Department of Physiology and Pharmacology, University of Western Ontario (Canada)	https://foragingconf.science.sconf.org/589383/document t
18	Blum Moyse lisa (1), El Hady ahmed (1) (2)	Collective foraging in a two patches environment: theory and applications	1 - University of Konstanz (Germany), 2 - Department of Collective Behaviour (Germany)	https://foragingconf.science.sconf.org/587581/document t
19	Nong toan (1), Moeller sebastian (2), Philippe rémi (1), Derrington edmund (1), Treue stefan, Gail alexander (3), Kagan igor, Dreher jean-Claude (4)	Comparative computational processes underlying coordination learning in a transparent game in macaque and human dyads	1 - ISCMJ-CNRS UMR5229 (France), 2 - Cognitive Neuroscience Laboratory, German Primate Center (Germany), 3 - German Primate Center (Germany), 4 - ISCMJ (France)	https://foragingconf.science.sconf.org/589738/document t
20	Ferguson lachlan (1), Soukupova magdalena (2), Palminteri stefano (2), Parkes shauna L. (1)	Context-Dependent Valuation and Choice Biases in Humans and Rats	1 - Université de Bordeaux (France), 2 - Institut National de la Santé et de la Recherche Médicale (France)	https://foragingconf.science.sconf.org/587265/document t
21	Ungvarszki zombor (1), Goussi-Denjean clément (2), Székely anna (3), Orban gergo (3), Di Volo matteo (1), Procyk emmanuel (2)	Contribution of Prefrontal Neural Dynamics to Reward History Integration and Strategy Selection	1 - Stem Cell and Brain Research Institute U1208, Bron, France (France), 2 - Stem Cell and Brain Research Institute U1208, Bron, France (France), 3 - Computational Systems Neuroscience Lab, Wigner Research Center for Physics, Budapest, Hungary (Hungary)	https://foragingconf.science.sconf.org/590530/document t
22	Timmel zelda(1), Morvan thomas (2), Eloy christophe (3), Robbe david (4)	Differential contributions of the dorsal and ventral striatum during foraging in freely moving rats	1 - Institut de Neurobiologie de la Méditerranée [Aix-Marseille Université] (France), 2 - Institut de Neurobiologie de la Méditerranée [Aix-Marseille Université] (France), 3 - Institut de Recherche sur les Phénomènes Hors Equilibre (France), 4 - Institut de Neurobiologie de la Méditerranée [Aix-Marseille Université] (France)	https://foragingconf.science.sconf.org/590543/document t
23	Bachschmid Romano ludovica (1), Fontolan lorenzo (1)	Disentangling model-free and model-based strategies in an asymmetric foraging task	1 - Aix-Marseille University (France)	https://foragingconf.science.sconf.org/588906/document t
24	Zhang zhaoqi (1), Colizoli olympia (1), Van Lieshout lieke (1), Bekkering harold (1), De Lange floris (1)	Does surprise modulate the beneficial effect of choice on memory?	1 - Donders Institute for Brain, Cognition and Behaviour (Netherlands)	https://foragingconf.science.sconf.org/588014/document t
25	Kondrakiewicz kacper (1), Temmerman xander (1), Haesler sebastian (1)	Dopamine neurons do not respond to novelty	1 - NeuroElectronics Research Flanders (imec, KU Leuven & VIB) (Belgium)	https://foragingconf.science.sconf.org/590098/document t
26	Liu yanhe (1), Spiering lisa (1), Grohn jan (1), Rushworth matthew (1)	Dorsomedial prefrontal cortex and dorsal raphe nucleus represent controllability estimation in human	1 - Department of Experimental Psychology, University of Oxford (United Kingdom)	https://foragingconf.science.sconf.org/591315/document t
27	Vigreux lucie (1), Ovando-Tellez marcela (1), Altmayer victor (1), Kenett yoed (2), Benedek mathias (3), Volle emmanuelle (1)	Dynamics of semantic memory search underlying creative ideation.	1 - FrontLab at Paris Brain Institute (ICM) (France), 2 - Israel Institute of Technology, Haifa (Israel), 3 - Institute of Psychology, University of Graz (Austria)	https://foragingconf.science.sconf.org/589868/document t
28	Carniel gael , Dreher jean-Claude (1), Barrat alain (2), Moisan Frédéric	Dynamics of Social Networks: Understanding Belief Formation, Polarization, and Recommendation Influence	1 - ISCMJ (France), 2 - Turing Center for Living Systems (France)	https://foragingconf.science.sconf.org/589750/document t

29	Lewen darius (1) (2), Ivanov vladyslav (3), Dehning jonas (1) (2), RuÅ johannes (4), Fischer anna (4), Penke lars (4), Schacht anne (4), Gail alexander (3) (4), Priesemann viola (1) (2), Kagan igor (3)	Emergence of stable foraging strategies on the cooperation-competition spectrum in a continuous action space	1 - Max Planck Institute for Dynamics and Self-Organization (Am Faberg 17 37077 Gttingen Germany), 2 - University of Gttingen, Wilhelmsplatz 1, 37073 Gttingen (Germany), 3 - German Primate Center, Kellnerweg 4, 37077 Gttingen (Germany), 4 - Georg-Elias-Mller Institute for Psychology, Golerstrae 14, 37073 Gttingen (Germany)	https://foragingconf.science.sconf.org/589995/document
30	Luigi degni (1) (2), Di Gregorio francesco, Danti claudio, Finotti gianluca, Di Pellegrino giuseppe, Garofalo sara (1)	Environmentally-induced changes in midfrontal theta power modulate maladaptive decision-making	1 - Alma Mater Studiorum Universit di Bologna = University of Bologna (Italy), 2 - Universit degli Studi di Camerino = University of Camerino (Italy)	https://foragingconf.science.sconf.org/587733/document
31	Habibi mina (1), Verbeke pieter (1), Senoussi mehdi (2), Braem senne (3)	Exploring the Influence of Semantic Labeling on Task Representation and Reinforcement Learning	1 - Department of Experimental Psychology, Henri Dunantlaan 2 Ghent, Belgium (Belgium), 2 - Universit Toulouse II (France), 3 - Department of Experimental Psychology, Ghent University (Belgium)	https://foragingconf.science.sconf.org/585753/document
32	Sun xulu (1), Comrie alison (1), Monroe emily (2), Kahn ari (3), Joshi abhilasha (4), Guidera jennifer (1), Tong lulu (1), Denovellis eric (1), Krausz timothy (1), Berke joshua (1), Daw nathaniel (3), Frank loren (1)	Flexible decision-making engages generalizable spiraling dynamical motifs in prefrontal cortex	1 - University of California [San Francisco] (United States), 2 - University of California [Davis] (United States), 3 - Princeton University (United States), 4 - National Center for Biological Sciences, Bangalore (India)	https://foragingconf.science.sconf.org/588096/document
33	Ossola paolo (1), Dundon neil (2), Garrett neil (3)	Foraging and sub-optimal choices in a sample of subjects diagnosed with major depressive episode and substance use disorder	1 - Universit degli studi di Parma = University of Parma (Italy), 2 - University of California [Santa Barbara] (United States), 3 - University of East Anglia [Norwich] (United Kingdom)	https://foragingconf.science.sconf.org/589991/document
34	Shahidi neda (1) (2) (3) (4), Ahmed zurna (1) (2) (4), Badayeva yuliya (5), Burghardt ren (6), Lactal irene (2) (3) (4), Gail alexander (1) (2) (3) (4) (7)	Freely foraging macaques value information in ambiguous terrains	1 - Georg-Elias-Mller-Institute for Psychology, Georg-August-Universitt Gttingen (Germany), 2 - Cognitive Neuroscience Lab, German Primate Center, Gttingen (Germany), 3 - Leibniz ScienceCampus Primate Cognition, Goettingen (Germany), 4 - Sensorimotor Group, German Primate Center, Gttingen (Germany), 5 - International Max Planck Research School for Neuroscience, Gttingen (Germany), 6 - Campus Institute Data Science, Georg-August-Universitt Gttingen (Germany), 7 - Bernstein Center for Computational Neuroscience Gttingen (Germany)	https://foragingconf.science.sconf.org/590197/document
35	Gandaux clmence (1), Sallet jrme, Amiez celine, Lambertson franck, Lavigne marina, Lamy camille, Misery pierre, Kremer eric, Wilson charles R. E., Procyk emmanuel	Frontal network modulations by pathway-selective chemogenetics modify behaviour of monkeys in a spatial foraging task	1 - Institut cellule souche et cerveau / Stem Cell and Brain Research Institute (France)	https://foragingconf.science.sconf.org/587761/document
36	Karni gili (1), Daw nathaniel (1) (2), Niv yael (1) (2)	Goals affect information seeking behavior	1 - Princeton Neuroscience Institute [Princeton] (United States), 2 - Princeton Psychology (United States)	https://foragingconf.science.sconf.org/590167/document
37	Cutler jo (1), Apps matthew, Lockwood patricia	Greater value of resolving uncertainty and positive outcomes in self-relevant compared to social information seeking	1 - University of Birmingham [Birmingham] (United Kingdom)	https://foragingconf.science.sconf.org/588719/document
38	Schaffhauser maud (1), Amroune kenza (1), Morvan thomas (2) (3), Orjollet-Lacomme tom (3) (2), Robbe david (1)	High or low level function of striatum? Insights from unilateral perturbations in a new naturalistic foraging task for freely moving mice.	1 - Institut de Neurobiologie de la Mditerrane [Aix-Marseille Universit] (France), 2 - Institut de Neurobiologie de la Mditerrane [Aix-Marseille Universit] (France), 3 - Institut de Recherche sur les Phnomnes Hors Equilibre (France)	https://foragingconf.science.sconf.org/590545/document
39	Combrisson etienne, Basanisi ruggero, Neri matteo, Auzias guillaume, Petri giovanni, Marinazzo daniele, Panzeri stefano, Brovelli andrea (1)	Higher-order and distributed synergistic functional interactions encode information gain in goal-directed learning	1 - Institut de Neurosciences de la Timone (France)	https://foragingconf.science.sconf.org/577679/document

40	Maily juliane (1), Riotte-Lambert louise, Lihoreau mathieu	How pollinator foraging movements emerge from the interaction between cognition and the environment	1 - Centre de Recherches sur la Cognition Animale - UMR5169 (France)	https://foragingconf.scienceconf.org/590301/document
41	Koolschijn renee (1), Smilde fleur E. N. (1), Den Ouden hanneke E. M. (1)	How the richness of one's environment influences decisions to invest resources	1 - Donders Institute for Brain, Cognition, and Behaviour, Radboud University, Nijmegen, The Netherlands (Netherlands)	https://foragingconf.scienceconf.org/586126/document
42	Simonelli valeria (1) (2), Nuzzi davide (1), Lancia gian Luca (1), Pezzulo giovanni (1)	Human foraging strategies flexibly adapt to resource distribution and time constraints	1 - Istituto di Scienze e Tecnologie della Cognizione (Italy), 2 - Department of Psychology [University of Roma "La Sapienza"] (Italy)	https://foragingconf.scienceconf.org/587687/document
43	D'ambrogio simone (1), Grohn jan (1), Hunt laurence (1), Rushworth matthew (1) (2)	Hybrid artificial neural network modelling predicts behaviour and neural activity in a solution for Buridan's ass	1 - Wellcome Integrative Neuroimaging (WIN), Department of Experimental Psychology, University of Oxford (United Kingdom), 2 - Wellcome Integrative Neuroimaging (WIN), Centre for Functional MRI of the Brain (MRI), Nuffield Department of Clinical Neurosciences, John Radcliffe Hospital (United Kingdom)	https://foragingconf.scienceconf.org/590540/document
44	Ikwunne boluwatife (1), Nalluru sumedha (1), Trier hailey (1), Scholl jacqueline (2), Stein alan (1), Klein-Flugge miriam (1), Noonan maryann (3)	Linking Decision-Making and Mental Health in Adolescence Using an Online Gamified Foraging Task	1 - University of Oxford (United Kingdom), 2 - Institut national de la sant�e et de la recherche m�dicale (France), 3 - University of York (United Kingdom)	https://foragingconf.scienceconf.org/590106/document
45	Narisetty madhansai (1) (2) (3) (4), Sayin sercan (1) (4), Hertenberger yvonne (3) (4), El Hady ahmed (1) (4) (5), Couzin-Fuchs einat (1) (3) (4)	Linking environmental structure and social behavior: a case study on the development of social phenotypes in the desert locust	1 - Max Planck Institute of Animal Behavior (Germany), 2 - The International Max Planck Research School for Quantitative Behaviour, Ecology and Evolution from lab to field (IMPRS-QBEE) (Germany), 3 - Centre for the Advanced Study of Collective Behaviour (Germany), 4 - Universit�t Konstanz (Germany), 5 - Princeton Neuroscience Institute [Princeton] (United States)	https://foragingconf.scienceconf.org/584214/document
46	Guggenbuhl iris (1), Berrakmouch moustapha (1), Gervasoni damien (1), Messaoudi belkacem (1), Th�venet marc (1), Ravel nadine (1), Litaudon philippe (1)	LONG-TERM IMPACT OF A SEMI-NATURALISTIC LIVING ENVIRONMENT ON RODENT ANXIETY AND COGNITIVE ABILITIES	1 - Centre de recherche en neurosciences de Lyon - Lyon Neuroscience Research Center (France)	https://foragingconf.scienceconf.org/590084/document
47	Garofalo sara (1), Degni luigi, Mattioni lorenzo, Danti claudio, Bernardi valentina, Di Pellegrino giuseppe	Maladaptive Pavlovian bias over decision-making in human sign- and goal-trackers	1 - Alma Mater Studiorum Universit� di Bologna = University of Bologna (Italy)	https://foragingconf.scienceconf.org/587275/document
48	Chartouny augustin (1), Khamassi mehdi (1), Girard benoit (1)	Model-switching in changing environments	1 - Institut des Syst�mes Intelligents et de Robotique (France)	https://foragingconf.scienceconf.org/586575/document
49	Salem-Garcia nahuel (1), Wyart valentin (2), Lebreton ma�l (3) (4)	Motivation effects on cognitive precision	1 - Laboratoire de Neurosciences Cognitives et Computationnelles (France), 2 - Laboratoire de Neurosciences Cognitives et Computationnelles (France), 3 - Economics of Human Behavior Group, PSE (France), 4 - Swiss Center for Affective Sciences (Switzerland)	https://foragingconf.scienceconf.org/589986/document
50	Paunov alexander (1) (2) (3), L'hotellier maeva, He zoe, Guo dalin, Yu angela, Meyniel florent	Multiple and subject-specific roles of uncertainty in reward-guided decision-making	1 - Neuroimagerie cognitive - Psychologie cognitive exp�rimentale (France), 2 - Neuroimagerie cognitive - Psychologie cognitive exp�rimentale (France), 3 - NeuroSpin, Neuroimagerie cognitive, Institute for Neuromodulation, Paris (France)	https://foragingconf.scienceconf.org/590128/document
51	Tang julie (1), Tashchioglu shivekiar (2), Battistello gino (2), Moreno-Rodriguez sarah (2), Volle emmanuelle (2), Vinckier fabien (3), Lopez-Persem aliz�e (4)	Navigating semantic memory: a goal-directed process.	1 - Paris Brain Institute (ICM) (France), 2 - Paris Brain Institute (ICM) (France), 3 - Paris Brain Institute (ICM) (France), 4 - Paris Brain Institute (ICM) (France)	https://foragingconf.scienceconf.org/590081/document
52	Moeller sebastian (1), Dann benjamin (2), Scherberger hansjoerg (2), Treue stefan (1), Gail alexander (1), Kagan igor (1)	Neural correlates of joint dynamic coordination in macaque premotor cortex	1 - Cognitive Neuroscience Laboratory, German Primate Center (Germany), 2 - Neurobiology Laboratory, German Primate Center (Germany)	https://foragingconf.scienceconf.org/589691/document

53	Badman ryan (1), Simmons-Edler riley (1), Qian william (2), Lunger joshua (2), Rajan kanaka (1)	Neural mechanisms of planning and memory in dynamic foraging agents	1 - Harvard Medical School [Boston] (United States), 2 - Harvard University (United States)	https://foragingconf.scienceconf.org/573718/document
54	Dureux audrey (1) (2), Zanini alessandro (1) (2), Jafari azadeh (1) (2), Trapeau regis (3), Belin pascal (3), Everling stefan (1) (2)	Neural networks supporting vocalization processing and production for information seeking in New World marmosets.	1 - University of Western Ontario (Canada), 2 - Roberts Research Institute [Canada] (Canada), 3 - Institut de Neurosciences de la Timone (France)	https://foragingconf.scienceconf.org/589396/document
55	Cao yinan (1), Alm�eras cl�emence (1), Lee junseok K. (1), Wyart valentin(1)	Noisy inference in information seeking without prospective reward trade-offs	1 - Laboratoire de Neurosciences Cognitives et Computationnelles (France)	https://foragingconf.scienceconf.org/589601/document
56	Barack david (1)	Orbitofrontal cortex represents goals and progress in reaching them during information foraging in a latent state learning task	1 - University of Pennsylvania (United States)	https://foragingconf.scienceconf.org/571376/document
57	Yasmine Layadi 1 , Maxime C�me 2 , Aylin Gulmez 2 , Philippe Faure 1	Neural bases of inter-individual variability in reward-seeking strategy	Ecole Sup�rieure de Physique et de Chimie Industrielles de la Ville de Paris Centre national de la recherche scientifique - CNRS (France)	https://foragingconf.scienceconf.org/597632/document
58	Zalta arnaud (1), Skvortsova vasilisa (2), Hewitt samuel (3), Moutoussis michael (3), Nour matthew (3) (4) (5), Dolan raymond (3) (4), Findling charles (6), Hauser tobias (7), Wyart valentin (1)	Positive Reward Bias on Human Reinforcement Learning under Increased Dopaminergic Neurotransmission	1 - Laboratoire de Neurosciences Cognitives et Computationnelles (France), 2 - Laboratoire de neurosciences cognitives et computationnelles (France), 3 - Max Planck UCL Centre for Computational Psychiatry and Ageing Research, UCL, London, UK. (United Kingdom), 4 - Wellcome Trust Centre for Neuroimaging, UCL, London, United Kingdom (United Kingdom), 5 - Department of Psychosis Studies, Institute of Psychiatry, Psychology and Neuroscience, King's College London, London, UK (United Kingdom), 6 - University of Geneva, Switzerland (Switzerland), 7 - Department for Psychiatry and Psychotherapy, German Centre for Mental Health (DZPG), University of T�bingen, Germany (Germany)	https://foragingconf.scienceconf.org/589493/document
59	Khoneiveh sepideh (1), Manenti giorgio (1), Glascher jan (1)	Recursive Theory of Mind During Cooperation and Competition in a Social Foraging Task	1 - Universitaetsklinikum Hamburg-Eppendorf = University Medical Center Hamburg-Eppendorf [Hamburg] (Germany)	https://foragingconf.scienceconf.org/589963/document
60	Becker sophia (1), Modirshanechi alireza (2) (3), Gerstner wulfram (1)	Representational similarity modulates novelty signals and novelty-driven exploration	1 - Laboratory of Computational Neuroscience [Lausanne] (Switzerland), 2 - Helmholtz Munich (Germany), 3 - MPI for Biological Cybernetics (T�bingen) (Germany)	https://foragingconf.scienceconf.org/588162/document
61	Grunwald jessica (1), Ahmed zurna (1) (2), Lacial irene (1) (3), Hainke jannis (1), Nakahashi ayuno (1), Gail alexander (1) (3) (4) (5)	Social Context shapes behavioral dynamics of foraging and decision-making in freely moving rhesus macaques	1 - Sensorimotor Group, German Primate Center, G�ttingen, Germany (Germany), 2 - Psychology of Language, Georg-Elias-M�ller Institute, G�ttingen, Germany (Germany), 3 - Leibniz ScienceCampus Primate Cognition, G�ttingen, Germany (Germany), 4 - Faculty of Biology and Psychology, University of G�ttingen, G�ttingen, Germany (Germany), 5 - Bernstein Center for Computational Neuroscience, G�ttingen, Germany (Germany)	https://foragingconf.scienceconf.org/590049/document
62	Guerillon ayrtion (1) (2), Chaix-Eichel naomi (3) (4), Rougier nicolas (3) (4), Bourgeois-Gironde sacha (5) (6), Boraud thomas (4), Ballesta sebastien (1) (2)	Social rank influences macaques' risky decisions for economic gain	1 - Laboratoire de neurosciences cognitives et adaptatives (France), 2 - Centre de Primatologie (France), 3 - Laboratoire Bordelais de Recherche en Informatique (France), 4 - Institut des Maladies Neurod�g�n�ratives [Bordeaux] (France), 5 - Centre de Recherche en Economie et Droit (France), 6 - Faculty of law (Israel)	https://foragingconf.scienceconf.org/589534/document
63	Ohrndorf lisa (1) (2), Mundry roger (1) (2) (3), Zinner dietmar (1) (2) (3), Fischer julia (1) (2) (3)	Spatial cognition in free-ranging Guinea baboons (Papio papio): A natural experiment	1 - German Primate Center - Leibniz Institute for Primate Research, Cognitive Ethology Laboratory, G�ttingen (Germany), 2 - Georg-August-Universit�t G�ttingen, Johann-Friedrich-Blumenbach Institute, Department for Primate Cognition, G�ttingen (Germany), 3 - Leibniz ScienceCampus, German Primate Center - Leibniz Institute for Primate Research, G�ttingen (Germany)	https://foragingconf.scienceconf.org/589346/document

64	Po-Chen Kuo, Edgar Walker, Laura Driscoll (1)	Task structure shapes underlying dynamical systems that implement computation	1 - Allen Institute [Seattle] (United States)	https://foragingconf.scienceconf.org/587632/document
65	Ogasawara takaya (1), Xu kevin (2), Snyder abraham (3) (4), Perlmutter joel (1) (3) (4) (5), Mellor rebecca (1), Bulkhalter andreas (1), Minamimoto takafumi (6), Inoue ken-ichi (7), Takada masahiko (7), Monosov ilya (1) (2) (8) (9) (10)	Temporal-orbitofrontal pathway for integrating reward and perceptual novelty	1 - Department of Neuroscience, Washington University School of Medicine (United States), 2 - Department of Biomedical Engineering, Washington University in St. Louis (United States), 3 - Department of Neurology, Washington University School of Medicine (United States), 4 - Mallinckrodt Institute of Radiology, Washington University School of Medicine (United States), 5 - Department of Physical Therapy and Occupational Therapy, Washington University School of Medicine (United States), 6 - Department of Functional Brain Imaging, National Institutes for Quantum and Radiological Science and Technology (Japan), 7 - System Neuroscience Section, Center for the Evolutionary Origins of Human Behavior, Kyoto University (Japan), 8 - Department of Electrical Engineering, Washington University in St. Louis (United States), 9 - Department of Neurosurgery, Washington University School of Medicine (United States), 10 - Pain Center, Washington University School of Medicine (United States)	https://foragingconf.scienceconf.org/589790/document
66	Cerda-Company xim (1) (2) (3) (4), Cardona gemma (3) (4), Sozza enrico (3) (4), Ferreri laura (5), Rodriguez-Fornells antoni (3) (4) (6)	The cost of music curiosity and its impact in memory: evidence from laboratory and natural settings	1 - Computer Science Dept., Universitat AutÀnoma de Barcelona (Spain), 2 - Computer Vision Center (Spain), 3 - Cognition and Brain Plasticity Unit, Bellvitge Biomedical Research Institute (Spain), 4 - Department of Cognition, Development and Educational Psychology, University of Barcelona (Spain), 5 - Department of Brain and Behavioral Sciences, University of Pavia (Italy), 6 - InstituciÀ Catalana de Recerca i Estudis Avançats = Catalan Institution for Research and Advanced Studies (Spain)	https://foragingconf.scienceconf.org/590132/document
67	Álvarez Martin claudia (1) (2), Buehler raimund (3), Cardona gemma (1) (2), Cerda-Company xim (4) (5), Silani giorgia (3), Rodriguez-Fornells antoni (1) (2) (6)	The impact of opioids and oxytocin on music curiosity	1 - Universitat de Barcelona (Spain), 2 - Institut d'InvestigaciÀ BiomÀdica de Bellvitge = Bellvitge Biomedical Research Institute (Spain), 3 - University of Vienna (Austria), 4 - Computer Vision Center (Centre de visio per computador) (Spain), 5 - Universitat AutÀnoma de Barcelona = Autonomous University of Barcelona = Universidad AutÀnoma de Barcelona (Spain), 6 - InstituciÀ Catalana de Recerca i Estudis Avançats = Catalan Institution for Research and Advanced Studies (Spain)	https://foragingconf.scienceconf.org/590010/document
68	Plat hadrien (1)	The Neuromodulatory role of Orbitofrontal Noradrenaline in the control of action-outcome updating	1 - Institut de Neurosciences cognitives et intÀgratives d'Aquitaine (France)	https://foragingconf.scienceconf.org/588823/document
69	Bénon juliette (1), Lee douglas (2), Hopper william (1), Verdeil morgan (1), Pessiglione mathias (1), Vinckier fabien (1), Bouret sébastien (1), Rouault marion (1), Le Bouc raphael (1), Pezzulo giovanni (3), Schreiweis christiane (1), Burguière eric (1), Daunizeau jean (1)	The online metacognitive control of decisions	1 - Paris Brain Institute, Paris, France (France), 2 - School of Electrical and Electronic Engineering, University College Dublin, Dublin, Ireland (Ireland), 3 - Institute of Cognitive Sciences and Technologies, Rome, Italy (Italy)	https://foragingconf.scienceconf.org/590162/document
70	Pai juila (1), Sogukpinar fatih (2), Ogasawara kei (1), Hiratani naoki (1), Ching shinung (2), Monosov ilya (1)	The role of astrocytes in probabilistic decision-making	1 - Washington University School of Medicine in St. Louis (United States), 2 - Washington University in Saint Louis (United States)	https://foragingconf.scienceconf.org/586632/document
71	Sampson aaron (1), Yang you-Ping (1), Usher marius (2), Levy dino (2), Niebur ernst (1), Stuphorn veit (1)	The Role of Attention in Multi Attribute Decision Making	1 - Johns Hopkins University (United States), 2 - Tel Aviv University (Israel)	https://foragingconf.scienceconf.org/590038/document
72	Lloret-Cabot roger (1), Al-Asmar alid (1), Pérez-Escudero alfonso (1)	The Role of Memory in Patch Exploitation Dynamics of Caenorhabditis elegans	1 - Centre de Recherches sur la Cognition Animale (France)	https://foragingconf.scienceconf.org/587092/document

73	Soubeyrand lola (1) (2)	Translational approach of decision making under conditions of rare and extreme events	1 - Aix-Marseille Sciences Economiques (5-9 Boulevard BourdetCS 5049813205 Marseille Cedex 1 France), 2 - Institut des Neurosciences de la Timone (INT) (France)	https://foragingconf.science.sconf.org/589929/document
74	Lojkiewicz mathilde (1) (2), Sallet jérôme (3) (4), Yaakub siti (1) (2), Roberts jamie (5), Fouragnan elsa (1) (2), Bault nadège (1) (2)	TUS of rmPFC and precuneus differentially modulate decision making in private and social contexts	1 - Brain Research and Imaging Centre (BRIC), University of Plymouth, Plymouth (United Kingdom), 2 - School of Psychology, University of Plymouth, Plymouth (United Kingdom), 3 - Institut cellule souche et cerveau / Stem Cell and Brain Research Institute (France), 4 - Wellcome Centre for Integrative Neuroimaging (WIN), Department of Experimental Psychology, Tinsley Building, Mansfield Road, Oxford OX1 3TA, University of Oxford, Oxford, UK (United Kingdom), 5 - University Hospitals Plymouth NHS Trust, Plymouth (United Kingdom)	https://foragingconf.science.sconf.org/589907/document
75	Su zhixiao (1), Jung kanghoon (1), Hagihara kenta (1), Hilton-Vanosdall ella (1), Siegle josh (1), Lee brian (1), Cohen jeremiah (1)	Two types of locus coeruleus norepinephrine neurons in reinforcement learning.	1 - Allen Institute [Seattle] (United States)	https://foragingconf.science.sconf.org/590291/document
76	Bhattacharya sunreeta (1), Williamson ross (2)	Uncertainty computations explain value-based foraging	1 - Carnegie Mellon University (United States), 2 - University of Pittsburgh (United States)	https://foragingconf.science.sconf.org/589046/document
77	Cecchini gloria (1), Depass michael (2), Cos ignasi (2)	Uncertainty, exploration and assessment during decision-making	1 - Centre de Recerca MatemÀtica de Catalunya (CRM) (Spain), 2 - Universitat de Barcelona (Spain)	https://foragingconf.science.sconf.org/589871/document
78	Nicolini astrid , Jumel katlyn, Coudray emma, Plessis océane, Cazettes fanny (1)	Virtual Reality Enhances Performance during a Foraging Task in Head-Fixed Mice	1 - Institut de Neurosciences de la Timone (France)	https://foragingconf.science.sconf.org/589538/document
79	Walsh lochlan (1) (2), Kannegieser sören (3), Stöckl anna (1) (4)	Visuo-motor biases in the pattern inspection strategies of foraging hawkmoths	1 - University of Konstanz, Department of Biology (Germany), 2 - International Max Planck Research School for Quantitative Behaviour, Ecology & Evolution, Konstanz (Germany), 3 - Behavioral Physiology and Sociobiology (Zoology II), University of Würzburg (Germany), 4 - Zukunftscolleg, University of Konstanz (Germany)	https://foragingconf.science.sconf.org/584410/document
80	White tristan (1) (2), Scholl jacqueline (3), Kolling nils (1)	"Proof-of-concept" results on the use of webcam-based facial expression trackers for online studies interested in the influence of affective states on behaviour.	1 - Stem Cell and Brain Research Institute (SBRI) (France), 2 - PSYR2, Centre de Recherche en Neurosciences de Lyon (CRNL) (France), 3 - PSYR2, Centre de Recherche en Neurosciences de Lyon (CRNL) (France)	https://foragingconf.science.sconf.org/590179/document