CogSci 2001 Programme

Wednesday 1 August

8:30-	Registration			
19:00	Foyer, David Hume Tower			
9:30-	Tutorials			
17:00	(see web page for details)			
17.00	Welcome Drieke Decortion			
17:00-	Welcome Drinks Reception			
19:00	Faculty Room North, David Hume Tower			

Thursday 2 August

8:30-	Registration						
18:00		Foyer, David	Hume Tower				
9:00-	PLENARY						
10:30	Motivated Mental States						
	Jon Elster (Columbia, NY)						
	DUT Lecture Theatre A						
	DHT Lecture Theatre A						
10:30-		Co	ffee				
11:00		David Hı	ıme Tower				
11:00-	Invited Symposium:	Paper Session:	Paper Session:	Paper Session:			
12:45	Emotion and Cognition	Education	Language, Perception, and Thought	Language and Context			
	DHT Lecture Theatre A	DHT Lecture Theatre B	DHT Lecture Theatre C	DHT Faculty Room South			
	Chair: Keith Stenning	Session Chair: Peter Cheng	Session Chair: Boicho	Session Chair: Gary Cottrell			
			Kokinov				
	Presenters	Using Cognitive Models to	Motor Representations in	An Integrative Approach to			
		Guide Instructional Design	Memory and Mental Models	Stroop: Combining a			
	Paul Seabright, Toulouse	Bethany Rittle-Johnson,	Daniel Richardson, Michael	Language Model and a			
	University	Kenneth Koedinger	Spivey, Jamie Cheung	Unified Cognitive Theory			
	Ziva Kunda, Waterloo	Efficacious Logic	The Roles of Body and Mind	Erik Altmann, Douglas Davidson			
	University	Instruction: People are not	in Abstract Thought	Davidson			
	Drew Westen, Boston	Irremediably Poor Deductive	Lera Boroditsky, Michael	Activating Verbs from			
	University	Reasoners	Ramscar, Michael Frank	Typical Agents, Patients,			
		Kelsey Rinella, Selmer Bringsjord, Yingrui Yang	Effects of Linguistic and	Instruments and Locations via Event Schemas			
		Dinigsjora, ringita rang	Perceptual Information on	Ken McRae, Mary Hare, Jeff			
		Toward a Model of Learning	Categorisation in Young	Elman, Todd Ferretti			
		<i>Data Representations</i> Ryan Baker, Albert Corbett,	<i>Children</i> Vladimr Sloutsky, Anna	Bulas for Suntar Vactors for			
		Kenneth Koedinger	Fisher	Rules for Syntax, Vectors for Semantics			
				Peter Wiemer-Hastings,			
		Development of Physics Text	The Role of Thought and	Iraide Zipitria			
		Corpora for Latent Semantic Analysis	Experience in the Understanding of	Integrating Distributional,			
		Donald Franceschetti, Ashish	Spatio-temporal Metaphors	Prosodic and Phonological			
		Karnavat, Johanna Marineau,	Tracey Alloway, Michael	Information in a			
		Genna McCallie, Brent Olde,	Ramscar, Martin Corely	Connectionist Model of			
		Blair Terry		Language Aquisition			
				Morten Christiansen, Rick Dale			
				Duit			
12:45-		LUNCH (1	Not hosted)	1			
14:30	I	nternational Sub-Committee		om			

Thursday 2 August (continued)

14:30-	Symposium:	Paper Session:	Paper Session:	Paper Session:
16:10	Computational Models of Historical Scientific Dis- coveries	Reasoning and Problem Solving I	Associative Learning	Perception and Recogni- tion
	DHT Lecture Theatre A Organisers: Pat Langley, Lorenzo Magnani	DHT Lecture Theatre B Session Chair: Lance Rips	<i>DHT Lecture Theatre C</i> Session Chair: TBA	DHT Faculty Room South Session Chair: Axel Cleermans
	 Presenters Lorenzo Magnani, University of Pavia Peter Cheng, University of Nottingham Adrian Gordon, University of Northumbria Sakir Kocabas, Istanbul Technical University Derek Sleeman, University of Aberdeen 	On the Evaluation of If p then q Conditionals Constantinos Hadjichristidis, Rosemary Stevenson, David Over, Steven Sloman, Jonathan Evans, Aidan Feeney Cognitive Uncertainty in Syllogistic Reasoning: An Alternative Mental Models Theory Jeremy Qualye, Linden Ball Structural Determinants of Counterfactual Reasoning Daniel Yarlett, Michael Ramscar A Computational Model of Counterfactual Thinking: The Temporal Order Effect Clare Walsh, Ruth Byrne	Synfire Chains and Catastrophic Interference Jacques Sougne, Robert French The Mechanics of Associative Change Mike Le Pelley, Lan McLaren A Connectionist Investigation of Linguistic Arguments from the Poverty of the Stimulus: Learning the Unlearnable John Lewis, Jeff Elman Generalization in Simple Recurrent Networks Marius Vilcu, Robert Hadley	Spoken Language Comprehension Improves the Efficiency of Visual Search Melinda Tyler, Michael Spivey Visual Statistical Learning In Infants Natasha Kirkham, Jonathan Slemmer, Scott Johnson Visual Expertise is a General Skill Maki Sugimoto, Garrison Cottrell Modeling Tonality:Applications to Music Cognition Elaine Chew
16:10– 16:40			E A ume Tower	
16:40– 18:00	1		RIZEWINNER'S LECTURI Hinton	Е:
	Designing Generative Models to Make Perception Easy			
			r Lecture Theatre A	
18:30– 19:30	THE 2001 RUMELHART PRIZEWINNER's RECEPTION Sponsored by the Robert J. Glushko and Pamela Samuelson Foundation			
		-	ry, Old College	
19:30– 21:00	Poster Session I Playfair Library, Old College			

Friday 3 August

8:00-		Conference Sub-	Committee Meeting			
9:00			minar Room			
8:30– 18:00	Registration Foyer, David Hume Tower					
10.00	royer, David nume Tower					
9:00-			NARY			
10:30	Som		te to know about human reaso	ning		
	Wilfred Hodges (London)					
		DHT Lectu	re Theatre A			
10:30-		Coffee, Davi	d Hume Tower			
11:00						
11:00– 12:45			IORIAL SYMPOSIUM			
12.43						
			e nters: ISLE, Stanford			
			BC			
		Fernand Cobat Un	iversity of Nottingham			
			wledge Modular?"			
		-	ce Research Laboratory			
	"The Righ		n Processing Analysis in Cates	gorisation"		
			er Lecture Theatre A	-		
		David Hullie 1000	a Lecture Theatre A			
12:45-	LUNCH (Not hosted)					
14:05]	Board of Governors Meetin	g, Call Centre, Buccleuch Plac	e		
14:30-	Symposium:	Paper Session:	Paper Session:	Paper Session:		
16:10	When Learning Shapes	Psycholinguistics	Reasoning and Problem	Agents and Artificial Life		
	its own Environment DHT Lecture Theatre A	DHT Lecture Theatre B	Solving II DHT Lecture Theatre C	DHT Faculty Room South		
	Organiser: James Hurford	Session Chair: Ellen Bard	Session Chair: Richard	Session Chair: Padraic		
			Catrambone	Monaghan		
	Presenters	Extending the Past-Tense	Addition as Interactive	Simulating the Evolution of		
	Gerd Gigerenzer, Max Planck	Debate: A Model of the	Problem Solving	Modular Neural Systems		
	Institute Neils Taatgen Payne How Learning can					
	Edinburgh International Influence of Schulates International Influence of Schulates International Influence of Schulates Simon Kirby, University of Edinburgh Michael Ramscar Problem Solving Strategies Modular Tasks Peter Todd, Max Planck Influence of Schulates Training for Insight The Origins of Syllable Systems: An Operational Systems: An Operational					
	Institute	Polish	Elementary School	Model		
		Agniesszka Reid, William Marslen-Wilson	Children's Understanding of	Pierre-yves Oudeyer		
			Experimental Error	Modelling Cognition with		
		Activating Verb Semantics from the Regular and	Amy Masnick, David Klahr	<i>Software Agents</i> Stan Franklin, Art Graesser		
		Irregular Past Tense				
		Catherine Longworth, Billi Randall, Lorraine Tyler,				
		William Marslen-Wilson				
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Friday 3 August (continued)

16:10– 16:40	TEA David Hume Tower				
16:40– 17:55	Paper Session: Theory Based Categori- sation <i>DHT Lecture Theatre A</i> Session Chair: TBA	Paper Session: Strategy <i>DHT Lecture Theatre B</i> Session Chair: Greg Trafton	Paper Session: Philosophy DHT Lecture Theatre C Session Chair: Michiel van Lambalgen	Paper Session: Theories of Mind <i>DHT Faculty Room South</i> Session Chair: TBA	
	Theory-based Reasoning in Clinical Psychologists Nancy Kim, Woo-kyoung Ahn Conceptual Combination as Theory Formation Dietmar Janetzko How is Abstract, Generative Knowledge Acquired? Timothy Nokes, Stellan Ohlsson	The Strategic Use of Memory for Frequency and Recency in Search Control Andrew Howes, Stephen J. Payne Modelling an Opportunistic Strategy for Information Navigation Craig Miller, Roger Remington Context Affects Risky Choice Neil Stewart, Nick Chater, Henry Stott	Representation: Where Philosophy Goes when it Dies Peter Slezak How Primitive is Self Conciousness? Autonomous Non-Conceptual Content and Immunity to Error through Misidentification Roblin Meeks Inferences About Person Identity Sergy Blok, George Newman, Jennifer Behr, Lance Rips	Distributed Cognition in Apes Christine Johnson, Tasha Oswald Metarepresentation in Psychology, Philosophy and Primate Cognition Sam Scott Emotional Impact on Logic Deficits May Underlie Psychotic Delusions in Schizophrenia Lilianne Mujica-Parodi, Tsafrir Greenberg, Robert Bilder, Dolores Malaspina	
18:00– 19:30	Poster Session II Playfair Library, Old College				
20:00– 01:00	Conference Dinner 8:00pm Drinks Reception and Announcement of 2002 Rumelhart Prize Winner 8:30pm Dinner 10:00pm Ceilidh Dynamic Earth, Holyrood Road			ze Winner	

Saturday 4 August

8:00– 9:00	Journal Sub-Committee Meeting HCRC Seminar Room				
9:00- 10:30 10:30- 11:00	PLENARY Mind, Modularity and Culture Dan Sperber (CNRS, Paris) David Hume Lecture Theatre A Coffee David Hume Tower				
11:00– 12:45	Invited Symposium: Representation and Mod- ularity <i>DHT Lecture Theatre A</i>	Paper Session: Memory and Language <i>DHT Lecture Theatre B</i> Session Chair: TBA	Paper Session: Collaboration and Coref- erence DHT Lecture Theatre C Session Chair: Steven Sloman	Paper Session: Categorisation and Per- ception DHT Faculty Room South Session Chair: TBA	
	Presenters: Annett Karmiloff-Smith, Institute of Child Health, London Lawrence Hirschfeld, University of Michigan Dylan Evans, King's College, London	An Influence of Spatial language on Recognition Memory for Spatial Scenes Michele Feist, Dedre Gentner The Influence of Casual Interpretation on Memory for System States Wolfgang Schoppek Comprehension of Action Sequences: The Case of Paper, Sissors, Rock Patric Bach, Guenter Knoblich, Angela D. Friederici, Wolfgang Prinz Semantic Effect on Episodic Associations Yaron Silberman, Risto Miikkulainen, Shlomo Bentin	Interactive models of Collaborative Communication Michael Matessa The Emergence of Effects of Collaboration in a Simple Discovery Task Kazuhisa Miwa Constraints on Linguistic Coreference: Structural vs. Pragmatic Factors Frank Keller, Ash Asudeh Dissecting Common Ground: Examining an Instance of Reference Repair Timothy Koschmann, Curtis LeBaron, Charles Goodwin, Paul Feltovich	That's odd! How Scientists Respond to Anomalous Data Susan Trickett, Gregory Trafton, Christian Schunn, Anthony Harrison Imagery, Context Availability, Contextual Constraint and Abstractness Katja Wiemer-Hastings, Jan Krug, Xu Xu A Model of Perceptual Change by Domain Integration Gert Westermann Understanding Recognition from the Use of Visual Information Phillipe Schyns, Lizann Bonnar, Frederic Gosslein	
12:45– 14:30	LUNCH (Not hosted) Business Meeting - Faculty Room South, David Hume Tower				

14:30– 16:10	Symposium: The Interaction of Ex- plicit and Implicit Learn- ing <i>DHT Lecture Theatre A</i> Organisers: Ron Sun, Robert Matthews	Paper Session: Development DHT Lecture Theatre B Session Chair: Peter Wiemer-Hastings	Paper Session: Concept Learning I DHT Lecture Theatre C Session Chair: TBA	Paper Session: Analogy DHT Faculty Room South Session Chair: Dedre Gentner
	Presenters Axel Cleermans, Zoltan Dienes, Robert Matthews, Louisiana State University Ron Sun, University of Missouri-Columbia	The Emergence of WordsTerry Regier, Bryce Corrigan, Rachael Cabasaan, AmandaWoodward, Michael Gasser, Linda SmithOn Choosing the Parse with the Scene: The Role of Visual Context and Verb Bias in Ambiguity Resolution Jesse Snedeker, Kristen Thorpe, John TrueswellDo Perceptual Complexity and Object Familiarity Matter for Novel Word Extension? Catherine Sandhofer, Linda SmithModality Preference and its Change in the Course of Development Amanda Napolitano, Vladimir Sloutsky, Sarah Boysen	On the Rational Basis of Representativeness Joshua Tenenbaum, Thomas Griffiths On the Normativity of Failing to Recall Valid Advice David Noelle Randomness and Coincidences:Reconciling Intuition and Probability Theory Thomas Griffiths, Joshua Tenenbaum Cascade Explains and Informs the Utility of Fading Examples to Problems Randolph Jones, Eric Fleischmann	Similarity Processing depends on the Similarities Present Mark Keane, Deirdre Hackett, Jodi Davenport Reference-point Reasoning and Comparison Asymmmetries Brian Bowdle, Douglas Medin Episode Blending as a Result of Analogical Problem Solving Boicho Kokinov, Neda Zareva-Toncheva Working-memory Modularity in Analogical Reasoning Robert Morrison, Keith Holyoak, Bao Truong
16:10– 16:40			E A ume Tower	

Saturday 4 August (continued)

16:40-	Symposium:	Paper Session:	Paper Session:	
18:20	The Cognitive Basis of	The Lexicon	Concept Learning II	
	Science: The View from			
	Science			
	DHT Lecture Theatre A	DHT Lecture Theatre B	DHT Lecture Theatre C	
	Organiser: Nancy Nersessian	Session Chair: Terry Regier	Session Chair: TBA	
	с .			
	Presenters	For Better or Worse:	A Knowledge Reasonance	
		Modelling Effects of	(KRES) Model of Category	
	Stephen Stich, Rutgers	Semantic Ambiguity	Learning	
	University	Jennifer Rodd, Gareth	Bob Rehder, Gregory Murphy	
		Gaskell, William		
	Ronald N. Giere, University	Marslen-Wilson	Reversing Category	
	of Minnesota		Exclusives in Infant	
	Nancy J. Nersessian, Georgia	Testing the Distributional	Perceptual Categorisation:	
	Tech	Hypothesis: The Influence	Simulations and Data	
	reen	of Context on Judgemens of	Robert French, Martial	
	Discussant	Semantic Similarity	Mermillod, Paul Quinn,	
	Dedre Gentner, Northwestern	Scott McDonald, Michael	Denis Mareschal	
	University	Ramscar	Solf Onequising Naturnha	
		Craded I swigel Activation by	Self-Organising Networks for Classification Learning	
		Graded Lexical Activation by Pseudowords in	from Normal and Aphasic	
		r seudowords in Cross-Modal Semantic	Speech	
		Priming: Spreading of	Speech Sheila Garfield, Mark	
		Activation, Backward	Elshaw, Stefan Wermter	
		Priming or Repair?	Eisnaw, Stefan Werniter	
		Jens Bölte	The Interaction of Explict	
		Jens Dolte	and Implicit: An Intergrated	
		Real World Constraints on	Model	
		the Mental Lexicon:	Ron Sun, Paul Slusarz	
		Assimilation, the Speech		
		Lexicon and the Information		
		Structure of Spanish Words		
		Monica Tamariz, Richard		
		Shillcock		
18:20		FIN	ISH	L
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