

AISB Convention 2018

Detailed Programme



Wednesday 4th April

	Seminar Room 3	Seminar Room 4	Seminar Room 5
9:30 – 10:30			PLENARY KEYNOTE Kerstin Dautenhahn <i>Will the future be bright for Social Robots?</i>
10:30 – 11:00	<i>Coffee Break (Break-out area)</i>		
	AI, Robots and Public Engagement	Assessing Agency, Moral and Otherwise: Beyond the Machine Question	The 5th Computational Creativity Symposium
11:00 – 12:30	11:00 - Aurora Voiculescu 11:30 - Owen McAree	11:00 Invited Speaker: Simon McGregor: <i>Constructing Agency - The Blob and Ball Thought Experiment</i> 12:00 Bryony Pierce: <i>Are the notions of agency and responsibility relevant to questions about machine ethics?</i>	11:00 Invited Speaker: Pablo Gervás: <i>Automated Targeted Writing: Tailoring and Crafting Literary Pieces with a Given Message</i> 12:00 Pablo Delatorre: <i>Outcome Inference based on Threat Resources in Suspenseful Scenes</i>
12:30 – 13:30	<i>Lunch (Break-out area)</i>		

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	AI, Robots and Public Engagement	Assessing Agency, Moral and Otherwise: Beyond the Machine Question	The 5th Computational Creativity Symposium
13:30 – 15:00	13:30 - Rebecca Davnall 14.00 - Joe Rolf	13:30 Antonio Chella: <i>Rilkean memories for a robot</i> 14:30 John Preston: <i>Machine agency, moral relevance, and moral agency</i>	13:30 Maximilian Droog-Hayes - <i>Automatic Detection of Narrative Structure for High-Level Story Representation</i> 14:00 Juan Alvarado - <i>Understanding MEXICA: an analysis of an Engagement-Reflection system</i> 14:30 Pablo Gervás - <i>Storyfying Observed Events: Could I Dress This Up as a Story?</i>
15:00 – 15:30	<i>Coffee Break (Break-out area)</i>		
15:30 – 17:00		15:30 Irina Zudina: <i>The ethics of developing AI: Why advanced AI has moral status</i> 16:00 Aurora Voiculescu: <i>Runaway concepts for robotics and AI: Law, technology and the posthuman</i> 16:30 Marta Ziosi: <i>The three worlds of AGI: Popper's theory of the three worlds applied to artificial general intelligence</i>	15:30 Philipp Wicke - <i>Storytelling by a Show of Hands: A framework for interactive embodied storytelling in robotic agents</i> 16:00 Eugenio Conception - <i>Afanasyev: A collaborative architectural model for automatic story generation</i> 16:30 Anna Jordanous - <i>Creativity vs quality: why the distinction matters when evaluating computational creativity systems</i>

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Thursday 5th April

	Seminar Room 3	Seminar Room 4	Seminar Room 5
9:30 – 10:30			PLENARY KEYNOTE Alan Winfield <i>The Ethical Robotist</i>
10:30 – 11:00	<i>Coffee Break (Break-out area)</i>		
	Digital interventions for cybersecurity	AI, Games and Virtual Reality	Emotion Modelling and Detection in Social Media and Online Interaction
11:00 – 12:30	11:15: Kholoud Althobaiti, Kami Vaniea and Serena Zheng: <i>Faheem: Explaining URLs to people using a Slack bot</i> 11:45: Keshav Kapoor, Karen Renaud and Jacqueline Archibald: <i>Preparing for GDPR: Helping EU SMEs to Manage Data Breaches</i> 12:15: Rosemary J. Thomas, Matthew Collinson and Judith Masthoff: <i>Caught by Phishing Emails? How can Argumentation Schemes be Used to Protect Users?</i>	11:00 Swen Gaudl - <i>POSH-SHARP: A Lightweight ToolKit for Creating Cognitive Agents</i> 11:30 Alexander McDiarmid & David C. Moffat - <i>Evolving Game Bots for Personality & Balance</i> 12:00 Discussion	11:00 George Langroudi, Anna Jordanous and Ling Li <i>Music Emotion Capture: sonifying emotions in EEG data</i> 11:30 Robert Harvey, Andrew Muncey and Neil Vaughan <i>Associating Colours with Emotion Detection in Social Media Tweets</i> 12:00 Francesca D’Errico and Isabella Poggi: <i>The lexicon of feeling offended</i>
12:30 – 13:30	<i>Lunch (Break-out area)</i>		

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	Digital interventions for cybersecurity	AI, Games and Virtual Reality	Emotion Modelling and Detection in Social Media and Online Interaction
13:30 15:00	<p>13:30 Invited Speaker: Lynne Coventry, Director of PaCT Lab, Northumbria University</p> <p>14:15: Lynsay Shepherd and Karen Renaud <i>How to Design Browser Security and Privacy Alerts</i></p> <p>14:45: Tiffany Skinner, Jacqui Taylor, John Dale and John McAlaney: <i>The Development of Intervention E-Learning Materials and Implementation Techniques for Cyber-Security Behaviour Change</i></p>	<p>13:30 Edward J. Powely - <i>Towards Immersive 3D Visualisation of Game AI Algorithm</i></p> <p>Symposium Final Discussion & Future</p>	<p>13:30 Invited Speaker: Diana Maynard: Analysis of hate speech in the GATE social media toolkit</p> <p>14:40 Lubna Alharbi, Floriana Grasso and Phil Jimmieson: <i>An experiment with an off-the-shelf tool to identify emotions in students' self-reported accounts</i></p>
15:00 15:30	<i>Coffee Break (Break-out area)</i>		
15:30 17:00	<p>15:30: John Paul Vargheese, Matthew Collinson and Judith Masthoff <i>How can persuasion reduce user cyber security vulnerabilities?</i></p> <p>15:45 - 17:00: Activity: Learning Cafe</p>	<p>LEGO ROVERS (family workshop – by ticket only)</p>	<p>15:30 Francesca D'Errico, Marinella Paciello and Matteo Amadei: <i>Prosocial words in social media discussions on hosting immigrants. Insights for psychological and computational field</i></p> <p>15:50 Invited Speaker: Pietro Ciproso - The role of a virtual body in modeling emotions for Social Media and Online Interaction: The BodyPass project</p>

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Friday 6th April

	Seminar Room 1	Seminar Room 3	Seminar Room 4	Seminar Room 5
9:30 10:30				PLENARY KEYNOTE Ruth Aylett <i>Giving Embodied Social Agents a Culture</i>
10:30 11:00	<i>Coffee Break (Break-out area)</i>			
	Philosophy after AI: Mind, Language and Action	Social Interactions in Complex Intelligent Systems (SICIS)	Cybernetic Serendipity Reimagined	18 th workshop on Computational Models of Natural Argument (CMNA)
11:00 12:30	11:00 Steve Battle, <i>Principles of robot autonomy</i> 11:30 Giusy Gallo, Claudia Stancati, <i>Acting robots or ethical machines?</i> 12:00 Christopher Burr, Geoff Keeling, <i>Building machines that learn and think about morality</i>	11:00 I. Khan et al., <i>Adaptation and the Social Salience Hypothesis of Oxytocin: Early Experiments in a Simulated Agent Environment</i> 11:30 A. Wolfenden and N. Vaughan, <i>How effective is Ant Colony Optimization at Robot Path Planning</i> 12:00 Demos	11:00 Introduction 11:15 Invited Speaker Alison Pease: <i>Modelling Serendipity in a Computational Context</i> 12:05 Katie Mccallum, Majed Al-Jefri and Kate Monson: <i>Making Sense of the Incomprehensible: Naivety as a Tool for Escaping Anthropocentric Narratives</i>	11:00 Introduction 11:10 Invited Speaker: Federico Cerutti, <i>On Scientific Enquiry and Computational Argumentation</i>

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	Seminar Room 1	Seminar Room 3	Seminar Room 4	Seminar Room 5
12:30 13:30	<i>Lunch (Break-out area)</i>			
	Philosophy after AI: Mind, Language and Action	Social Interactions in Complex Intelligent Systems (SICIS)	Cybernetic Serendipity Reimagined	18 th Workshop on Computational Models of Natural Argument (CMNA)
13:30 15:00	<p>13:30 Dean Petters, Achim Jung, <i>From the Chinese Room argument to the Church-Turing thesis</i></p> <p>14:00 Davide Serpico, Marcello Frixione, <i>Can the g Factor Play a Role in AGI Research?</i></p> <p>14:30 David Mathers, <i>The Possibility of Indeterminate Cases of Consciousness and the Ethics of AI</i></p>	<p>13:30 M. Mulvenna et al., <i>HILDA - A Health Interaction Log Data Analysis Workflow to Aid Understanding of Usage Patterns and Behaviours</i></p> <p>14:00 S. Monica and F. Bergenti, <i>Kinetic Models of Relevant Phenomena Related to Opinion Dynamics</i></p> <p>14:30 N. Vaughan, <i>Morphogenetic Engineering For Evolving Ant Colony Pheromone Communication</i></p>	<p>13:30 Aleksandar Zivanovic and Edward Ihnatowicz: <i>Sound Activated Mobile (SAM) at Cybernetic Serendipity</i></p> <p>13:55 Roisin Loughran and Michael O'Neill: <i>Serendipity in Melodic Self-organising Fitness</i></p> <p>14:20 Joseph Corneli, Dave Murray-Rust and Benjamin Bach: <i>Towards Open-World Scenarios: Teaching the Social Side of Data Science</i></p> <p>14:40 Ian Helliwell: <i>Symbiosis - Electronic Music for an Analogue and a Digital Age</i></p>	<p>13:30 Invited Speaker: Rudi Palmieri, <i>Argumentation patterns and strategies in financial communication genres</i></p> <p>14:30 Cliff O'Reilly, Yetian Wang, Katherine Tu, Sarah Bott, Paulo Pacheco, Tyler Black and Randy Harris - <i>Arguments in Gradatio, Incrementum and Climax; a Climax Ontology</i></p>

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15:30 17:00	<p>15:30 Jack R. Coopey, <i>Machinics: Philosophy of Computer Science and its relation to Programming, Towards a Contemporary Ontology of Programming as a new Form-of-Life and Technics</i></p> <p>15:50 Discussion panel</p>		<p>Cybertalks</p> <p>15:30 Ricardo Melo and Miguel Carvalhais: <i>The Chance of Serendipity</i></p> <p>15:42 Dietmar Köring: <i>The Technobody - An animatronic artefact as manifestation of 2nd Order Cybernetics</i></p> <p>15:54 Paul Pangaro: <i>Colloquy of Mobiles 2018 Project</i></p> <p>16:06 Liss C. Werner: <i>Gordon Pask's 'Cybernetic Theatre': beyond tinkering with Architecture</i></p> <p>16:18 Discussion panel</p>	<p>15:30 Jean-Baptiste Corrége, Emmanuel Hadoux and Ariel Rosenfeld - <i>From Psychological Persuasion To Abstract Argumentation: A Step Forward</i></p> <p>15:50 Sultan Alahmari, Tommy Yuan and Daniel Kudenko - <i>Policy generalisation in reinforcement learning for abstract argumentation</i></p> <p>16:10 Rosemary J. Thomas, Nir Oren and Judith Masthoff - <i>A System for Automation of Message Generation using Argumentation Schemes</i></p> <p>16:30 Mathilde Janier and Patrick Saint-Dizier -</p>