Annual PG Conference 2024

Programme of Events

3rd July 2024, Sibson and Kennedy

Time	Location	Activity
09:30 – 10:00	Sibson Atrium (SIB)	**Arrival and Welcome:** Register and collect your name badge at the welcome desk
	Sibson Seminar Room 2 (SIBSR2)	**NATS Poster Competition:** View the Poster Competition entries on display for NATS MSc-R students
10:15 – 11:15		*SESSION 1*
	Sibson Lecture Theatre 1 (SIBLT1)	**NATS Research Talks:** In this session you will hear talks ranging from chromosome fusion in waterbucks, to infection related microbiology, and exploring the icy moons on Mars, and how the Careers Network can help you prepare for your future. With a Welcome Talk by Dr Becky Hall (DDoGS for NATS), followed by presentations from Corey Kirkland, Allie Corrigan, Ed Deshumukh-Reeves, Haritha Sasidhararan Vanaja and Yasmin Dallos-Foreman.
	Sibson Lecture Theatre 2 (SIBLT2)	**LSSJ Research Talks:** Join researchers from LSSJ with presentations from Kelly Setliff ("GDPR: An attempt at securing the Human Right of Privacy"), Olasunkanmi Arowolo ("Voices of the oppressed: An analysis of Nigeria Twittersphere conversations on NSIP poverty programme in Nigeria"), Katrine Callander ("Exploring the Intersection: Late-diagnosed autistic trauma and identity in relation to Adverse Childhood Experiences"), Krysia Waldock ("Exploring belonging: The narratives of autistic people who currently attend and previously attended Churches and Mosques"), Helen Bintley ("Simultaneous Multi-Approach Qualitative Analysis (SMAQA): A Potentially Novel Way to Re-theorise Medical Education"), and Basma Eldoukhi.
	Sibson Seminar Room 5 (SIBSR5)	**KBS Poster Presentation and Feedback:** Research students will introduce their research in 3-minute presentations. Presenters include: Anh Thi Hue Tran (DAF), Hoang Huy Nguyen (DAOS), Oluwafemi Falodun (DMEIB), Potepkin Maxi (DLM), Jane Adamson (DLM), Yafei Sun (DLM), Maryam Ajaj (DLM), Qi Lyu (DAOS), Faten Afandi (DAOS), Xinyuan Li (DAOS).
	Kennedy Seminar Room 1 (KENSR1)	**CEMS Industry Panel - "So, what am I supposed to do with a PhD in Computing?":** With guest speakers: Fred Barnes (Jane Street), Matthew Boakes (Alan Turing Institute), Simon Cooksey (NVIDIA), and Radu Grigore (Meta)
	Kennedy Seminar Room 2 (KENSR2)	**CEMS Research Talks:** Join researchers from the School of Engineering as they discuss Applied AI-enhanced engineering, with a discussion on industrial experience. With presentations from Wasif Shafaet Chowdhury ("Slurry flow measurement through sensor fusion and data-driven modelling"), Arif Hussain ("Data-driven framework for designing and characterisation of Lattice structured materials"), Giuseppe Joulianou ("Optimising atmospheric drag modelling with Liquid Neural Network architecture: A MATLAB-based approach for orbital debris detection"), and Rupert Berryman ("Wind energy farm").
	Kennedy Seminar Room 3 (KENSR3)	**CEMS Research Talks:** Join researchers from the School of Mathematics, Statistics, and Actuarial Science (SMSAS), with presentations from Kieran Power ("Distances at infinity"), James Bradshaw ("Fractal patterns in kink scattering"), and Ioannis Rotous ("Chasing frogs using statistics").

Time	Location	Description
11:15 – 11:30	Sibson Atrium (SIB)	**Morning Break:** Refreshments (Coffee and Tea) will be available in both Atriums
	Sibson Seminar Room 3 (SIBSR3)	**NATS Activities:** NATS will host bonus activities during the break. All Conference Attendees are welcome
11:30 – 12:30		*SESSION 2*
	Sibson Lecture Theatre 1 (SIBLT1)	**NATS Research Talks:** In this session you will hear talks ranging from culture in chemistry to lipid analysis of vesicles, and how to get involve in the early careers network and outreach activities, with presentations from Amber Tahria Raja, Bree Streather, Dominick Balderston, Mariam Yacoub, Dr Krya De Coninck and Dr Dave Beal.
	Sibson Seminar Room 6 (SIBSR6)	**KBS Research Talks:** Presentations from Tutu Oyerinde (DLM) ("Stakeholder Engagement Disclosure as a Legitimacy Mechanism in the case of Critical Incidents") and Zsofia Baruwa (DAOS) ("Resilience and Competitiveness in the Electric Vehicle Industry: A Global Corporate Network Analysis"). KBS Networking opportunity available in SIBSR5.
	Kennedy Seminar Room 1 (KENSR1)	**CEMS Research Talks - Programming Languages and Systems:** Join researchers from the School of Computing, with presentations from Jonah Pears ("Erlang on TOAST"), Jay Richards ("Thin-air free concurrency with dynamic memory allocation"), and Humphrey Burchell ("Bubo: Realistic Results for Instrumentation-Based Profiling in JIT Compiling Systems").
	Kennedy Seminar Room 2 (KENSR2)	**CEMS Panel Discussion - Discussion on academic and career guidelines for PGRs:** The School of Engineering lead on this engaging panel discussion and open questions on what the academics expect from a PGR student, how to prepare for PhD viva, what should be the next steps to develop a career in academia and how academic research is contributing to industrial-scale applications. Panel members include Dr Gang Lu, Dr Amir Hossain, Dr Rocio von Jungenfeld, and Dr Moinul Hossain.
	Kennedy Seminar Room 3 (KENSR3)	**CEMS Interactive Session - Interactive Maths and Stats:** Join researchers from the School of Mathematics, Statistics and Actuarial Science (SMSAS), Tommy Cheale ("Data protection for sensitive questions dice experiment"), Edoardo Peroni ("Vortex experiment using water"), and Morgan Rees ("Wave tank experiment"), with an additional discussion on the "Theory behind playing games".
	Kennedy Seminar Room 10 (KENSR10)	**ARTSHUMS Research Talks and Q&A:** Welcome from Prof Ben Hutchinson (DDoGS for ARTSHUMS) with presentations from PhD students: Emily Su ("Visualizing an Age of Glory: A Study of the Sublime through Napoleonic Military Painting, c. 1800-1815"), Nick von Behr ("Reinforced concrete technical design in urban Belle Epoque buildings in France and Belgium, 1892-1914"), and Adam Simcox ("Exploring Variability of Emotional Engagement with Film").
12.30 – 13.30	Sibson Atrium (SIB)	**Lunch:** Summer Kentist Buffet
		Networking: Open to all attendees, with representatives from the Library Services, Careers, The Brilliant Club, Kent Union and Student Support Wellbeing
	Sibson Seminar Room 3 (SIBSR3)	**NATS Activities:** NATS will host bonus activities during the break. All Conference Attendees are welcome
13:30 – 14:30		*SESSION 3*
	Sibson Seminar Room 2 (SIBSR2)	**NATS Poster Presentations:** Poster competition highlighting research across NATS MSc-R students.
	Sibson Seminar Room 6 (SIBSR6)	**KBS Research Talks:** Presentations from Muthoni Mbwiria (DMEIB) ("A Gendered Perspective of Innovation Adoption among Subsistence Farmers in Kenya"), Inah Okpa (DAF) ("Can Implementing Artificial Intelligence Technology Mitigate Agency Problems of Firms? And International Evidence"), and Waksh Awais (DAF) ("Accounting Education and neo-colonialism: a Gramscian Analysis of Higher Education in Pakistan"). KBS Networking opportunity available in SIBSR5.
	Kennedy Seminar Room 1 (KENSR1)	**CEMS Research Talks:** Research talks from PGR students from the School of Computing's Cyber Security and Artificial Intelligence and Data Science research groups. With presentations from Rodney Adriko ("Does Cyber Insurance promote Cyber Security Best Practice? An Analysis based on Insurance Application Forms"), Daniel Thomas-Hercules ("Investigating the Usability of Iconography Via Brain and Key-press Responses"), and Emmanuel Molefi ("Transcutaneous auricular vagus nerve stimulation (taVNS) for motion sickness: a physiological and neuroimaging perspective").
	Kennedy Seminar Room 2 (KENSR2)	**CEMS Research Talks:** Research talks on digital arts, optics and structural health monitoring through digital imaging and image processing techniques from researchers in the School of Engineering. With presentations from Mohamed Bugahhoos ("Exploring conceptual virtual production frameworks for small production companies in the UK"), Yuanli Yue ("Experimental investigation of an optical reservoir computer with an optical mask"), Yi-Hsiang Liao ("Wind turbine blade monitoring using imaging and image processing techniques"), and Ebsana Saria ("Structural health monitoring of additive manufacturing parts through image analysis").
	Kennedy Seminar Room 3 (KENSR3)	**CEMS Industry Panel:** Career questions and answers session for PhD graduates in School of Mathematics, Statistics and Actuarial Science (SMSAS), with panelists, Jack McKenna, Javier Aguilar Martin, and Lucy Barnes.

Time	Location	Details
14:30 – 14:45	Sibson Atrium (SIB)	**Afternoon Break:** Refreshments (Coffee and Tea) will be available in both Atriums
	Sibson Seminar Room 3 (SIBSR3)	**NATS Activities:** NATS will host bonus activities during the break. All Conference Attendees are welcome
14:45 – 15:45		*SESSION 4*
	Sibson Lecture Theatre 1 (SIBLT1)	**NATS Research Talks:** In this session you will hear about breakthroughs in semen analysis, drug resistance in cancer, and the surface of Mars. There will also be careers talks on linking academia to industry and an introduction to fellowships and academic independence. Presentations from Alessia Schadwell, Nicole Lewis, Anum Munir, Daniel Le Corre, Dr Barrie Rooney, and Dr Becky Hall.
	Sibson Seminar Room 6 (SIBSR6)	**KBS Panel Discussion:** This session will cover "The Journey - Masters, PhD, and beyond", "Women in Academia", and "Present and Future of AI in Academia - an interdisciplinary roundtable", with panellists: Dr Samantha Evans (DLM), Prof Paola Scaparra (DAOS), Anh Thi Hue Tran (DAF), Hoang Huy Nguyen (DAOS), Yafei Sun (DLM), Maryam Ajaj (DLM), Inah Okpa (DAF), Dr Zhen Zhu (DAOS), Prof Ben Hutchingson (DDoGS for KBS).
	Kennedy Seminar Room 1 (KENSR1)	**CEMS Poster Presentation:** View the posters from the School of Computing students: Paulo Torrens ("On the metatheory of IRs and the CPS-calculus"), Jonah Pears ("Erlang on TOAST"), Victoria Vollmer ("Free Graded Monad"), Octave Larose ("Implementing interpreters in Rust"), Ben Alison ("Enhancing Stock Price Prediction: Integrating Directional Change and Magnitude with Novel Loss Functions in Deep Learning Models"), Zhao Liu ("Analysing behavioural motion data across virtual and physical environments: Enhancing understanding of the impact of cognition on behaviour with LSTM networks"), Sophie Rogers ("Human-Machine Interaction and Deciding Whether or Not to Treat. Using Large Language Models to Automate Decision-Making in Kidney Transplant"), Adel ElZemity ("FederatedIoT: A Collaborative Framework for Enhancing IoT Security"), and Yichao Wang ("Analysis of Security Mechanisms of Dark Web Markets").
	Kennedy Seminar Room 2 (KENSR2)	**CEMS Poster Presentation:** View the posters from the School of Engineering researchers: Dr. Dayang Wang ("Identification of baled materials through capacitive sensing"), Jenna Seetohul ("Augmented reality controlled robotic system with targeted CT scan reconstruction for path planning in surgery"), Fadhil Ghrabat ("LOS\ NLOS identification based localization"), and Yuanli Yue ("Reservoir computing assisted single-pixel high-throughput object classification").
	Kennedy Seminar Room 3 (KENSR3)	**CEMS Poster Presentation:** View the posters from the School of Mathematics, Statistics, and Actuarial Science (SMSAS) students: James Bradshaw ("Φ4 kink collisions"), Tommy Cheale ("A Framework for Designing Randomised Response Models"), Ben Mitchell ("Bessel Function Solutions of the Fifth Painlevé Equation"), and Amy Klintberg ("When Midnight is an Odd Number: The Mersenne Composites Revealed in mod(odd)").
	Kennedy Seminar Room 10 (KENSR10)	**ARTSHUMS Research Talks and Q&A:** Presentations from Louise Wigglesworth ("Representation of ecological crises in Contemporary Crime Narratives"), Costanza Mondo ("The Survival and Transformation of Orality in English-Language East African Poetry"), and Eiji Yasuhara ("Magazine Ambiguity: Latin American and Japanese Encounters in the Transnational Literary Circulation").
16:00 – 17:00	Sibson Atrium (SIB)	**Awards Ceremony and Drinks Reception:** All Attendees are invited back to Sibson Atrium, to celebrate the winners of the GRC Prizes *(Research Degree Supervisor and Postgraduate Research Student)* and Annual Kent 3MT Competition, in addition to the exciting Divisional Awards for session competitions.

Please return your badge in the Badge Box. Thankyou.