



RNI

RAiUK INTERNATIONAL SANDPIT

23-26 SEPT 2024



Neemrana Fort Palace, INDIA





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Welcome

A very warm welcome to the Responsible Ai International Sandpit co-hosted by RAi UK and the Centre for Responsible AI (CeRAI).

This event aims at fostering international engagement and addressing critical challenges in the field of artificial intelligence.

About Responsible Ai UK

Responsible Ai UK (RAi UK) brings together researchers from across the four nations of the UK to understand how we should shape the development of AI to benefit people, communities, and society.

It is an open, multidisciplinary network, drawing on a wide range of academic disciplines. This stems from our conviction that developing responsible AI will require as much focus on the human, and human societies, as it does on AI.

Funded by the Technology Missions Fund, we will convene researchers, industry professionals, policy makers and civil society organisations.

We conduct and fund research into responsible AI, develop skills programmes for those who build, buy, and use AI, and engage with policymakers to address the opportunities and risks associated with AI.

About Centre for Responsible AI (CeRAI)

CeRAI is a virtual interdisciplinary research centre at IIT Madras. The centre envisions to be a premier research centre for both fundamental and applied research in Responsible AI with immediate impact in deploying AI systems in the Indian ecosystem. The centre aims to pursue research in the domains of Ethical and Responsible AI and become the standard body in the country to recommend guidelines and policies to make deployable AI models/systems more accountable, explainable and responsible.





Al will impact all countries around the world. The challenge will be to ensure we do not introduce new inequalities and trade-offs that we could have anticipated with these new technologies. I am really excited to support this programme in partnership with IIT Madras develop Al that looks to address such challenges across the UK and India.







As head of the Wadhwani School of Data Science and AI (WSAI) and the Centre for Responsible AI (CeRAI) at IIT Madras I am pleased to be co-hosting this first International Sandpit on Responsible AI in India.

Professor B. Ravindran Head of Centre for Responsible AI, IIT Madras

Welcome

Welcome to this first RAi UK Intenational Sandpit! In the UK the Sandpit process has been used over the last 15 years by our funding agencies to bring creative thinking into the definition of new interdisciplinary research agendas, develop specific new research projects and build new networks between researchers.

The Sandpit is an intensive process that will keep us all busy for the four days, but we hope besides the primary goal of defining some interesting joint projects we come out of this inspired with new ideas, new perspectives, and new friends.

As Director I'll be working closely with our professional facilitators and the five mentors from both the UK and India to guide and support all participants through the process. We are deliberately bringing together researchers with different views, disciplinary and cultural perspectives and we will be most successful as a group if we not only respect, but celebrate and embrace, this diversity.

I look forward to meeting you all and the exciting ideas that we'll all be creating together.



Professor Derek McAuley

Areas of expertise:

Policy & regulation

Human-centred Design

I am Emeritus Professor of Digital Economy in the School of Computer Science at the University of Nottingham. My research expertise is in ubiquitous computing, computer architecture, networking, distributed systems and operating systems, while my interdisciplinary interests include issues of ethics, identity, privacy, information policy, regulation and economics within a digital society.







Equality, Diversity, and Inclusion

RAi UK is committed to embedding Equality, Diversity and Inclusion (EDI) in all our activities. To assist us to identify any EDI gaps to strengthen our future EDI plans and the impact of our research activities, we ask that you take a few minutes to complete our EDI survey.

All questions are voluntary. Your responses will be anonymous. Data will be kept securely and accessed only by designated RAi



Code of Conduct

The open exchange of ideas is central to the RAi UK mission. This requires an environment that embraces diversity and provides a safe, welcoming environment for all.

This policy applies to all RAi UK activities, including:

- Conferences, symposia, workshops, sandpits, and events sponsored, co-sponsored, or in cooperation with RAi UK
- RAi UK member meetings
- Exchanges among committees or other bodies associated with RAi UK activities, publications and communications sent through communication channels associated with RAi UK, including social media.











India and UK RAI Sandpit 23rd - 26th September 2024











Sandpit aim (pivotal question)

'In what ways can diverse demographics in India and the UK drive responsible AI innovations in the technological and social domains?'

Phases of a Sandpit

INITE	J V C.	1.2 T	\cap Λ	DIEV

Connecting with each other whilst deepening understanding on the challenge

CREATE

Creating novel, ambitious, transformational research opportunities

DEVELOP

Focused ideas development, creating teams, respond to feedback

IMPLEMENT

Presentation and further feedback to support continuing work beyond the Sandpit

Sunday 22nd September

Director and Mentor hosted networking event

TIME	SESSION	PURPOSE OF THE SESSION
18:00		18.00 Participant registration
18:20		Director and Mentor hosted reception and Dinner You will be greeted by your Director and Mentors who will host a reception and dinner enabling you to connect with the Sandpit community informally before the structured Sandpit commences.









Day 1 Monday 23rd September

Getting to know one another and deepening understanding of the topic

TIME	SESSION	PURPOSE OF THE SESSION
09.00	S1	Disciplinary/multidisciplinary networking Continue networking with a specific focus to peel open the layers of complexity when working in international multidisciplinary teams
10.00	S2	Welcome to the Sandpit A welcome from our Sandpit Director who will clarify the aim, focus and high expectations for this Sandpit
10.15		BREAK
10.35	S3	Cultural and Demographic Context Unpick the similarities and differences in culture and demographics between India and UK to: Better understand the Sandpit Aim Be prepared for working in cross cultural research teams
		Distil what needs to change to give additional Sandpit focus
12.20		LUNCH
13.20	S 4	Deep dive into the 4 core Sandpit challenges Explore all participant and mentor perspectives to deepen, widen and level understanding of the core challenges this Sandpit must address. Also, an opportunity to clarify different terminologies used to assist international and multidisciplinary communication
14.45		BREAK
15.05	S4	Continuation of the session before break
16.25	S5	Draw conclusions about the Sandpit Opportunity Reflect on all the discussions about the topic and consolidate thoughts. Distil what is important to make a significant impact to the Sandpit aim
16.50	S6	Wrap up Day 1
17.00		CLOSE OF THE DAY
19.00		DINNER









Day 2 Tuesday 24rd September Collaboratively create and explore novel, ambitious and transformative ideas

TIME	SESSION	PURPOSE OF THE SESSION
09.00	S 7	Welcome to Day 2.
09:05	S8	What makes research effective/ineffective Build on existing knowledge of CERAI and RAI UK researchprogrammes, what has been done, what is being done, and what the future possibilities are. Alongside recognising what makes research effective/ineffective in advance of generating research ideas.
10.00	S 9	Generate creative ideas Generate exciting creative ideas to address the Sandpit aim and the outputs of S3 in multidisciplinary collaborative teams. Sow many small seeds of ideas for research projects.
10.20		BREAK
10.40	S9	Continuation of the session before break
12.10	S10	Ideas generation transition point Understand how we shift from creating lots of ideas to exploring the strongest in more detail. An introduction to the assessment criteria to anchor ideas this afternoon.
12.30		REFLECTION TIME/EXTENDED LUNCH
13.50	S11	Explore emerging ideas Collaboratively explore the feasibility of the best ideas to provide a foundation for selecting tomorrows research projects.
15.15		BREAK
15.35	S11	Continuation of the session before break
16.45	S12	Wrap up the formal part of the day
17.00		CLOSE OF THE DAY
19.00		DINNER









Day 3 Wednesday 25th September Developing research projects and forming project teams

TIME	SESSION	PURPOSE OF THE SESSION
09.00	S13	Welcome to Day 3. A reminder to everyone that breaks are now project team led
09:05	S14	Share research project ideas Ensure the Sandpit community has a clear understanding of how many distinctive ideas there are that the Sandpit community wish to develop, and what they are.
09:45	S15	Develop research project ideas Project ideas that have the potential, and the community support, to be research projects will be clearly identified and shaped to meet the assessment criteria. Prepare and submit a summary of your project idea before lunch.
12:45		LUNCH
13:45	S16	Peer review/Mentor feedback Each project team to receive high quality feedback on their project to use for rapid improvement. Also, an opportunity for all participants to be aware of other project teams work, in particularly any areas of overlap to address.
15:45	S17	Respond to peer review/Mentor feedback Rapidly enhancement of the quality of all research projects as development work continues
18:30	S18	Prepare draft presentation for submission Project teams to prepare a draft presentation to submit. Mentors will review these in readiness to give you further feedback to heighten the quality of the project. A hot snack will be available to sustain energy.
20:30		Deadline to submit draft presentation
20:30		DINNER









Day 4 Thursday 26th September Further development and evaluation of projects

TIME	SESSION	PURPOSE OF THE SESSION
09.00	S19	Welcome to Day 4.
09:05	S20	Feedback from Mentors Project teams will have feedback on the draft presentation to give the opportunity to improve both project and presentation further
09:35	S21	Improve project and prepare for presentation Respond to feedback from Mentors, finalise presentation and rehearse
11:35	S22	Project Presentations All team to present their research project to a panel and answer questions. When not presenting, other teams will prepare an accessible summary of their project.
13:00		LUNCH
14:00	S23	Review Sandpit and celebrate achievements An opportunity to give feedback and share your Sandpit experience with others
14:45	S24	Feedback from Director and Mentors Each project team will have clarity on what they need to do before submitting final proposals
15:30		What next, and the Director closing the Sandpit
15:45		SANDPITCLOSE







Meet the Sandpit Team and Participants

Director



Professor Derek McAuley

Areas of expertise:

Policy & regulation

Human-centred Design

I am Emeritus Professor of Digital Economy in the School of Computer Science at the University of Nottingham. My research expertise is in ubiquitous computing, computer architecture, networking, distributed systems and operating systems, while my interdisciplinary interests include issues of ethics, identity, privacy, information policy, regulation and economics within a digital society.







Facilitators



Lucy Brownsdon Centre for Facilitation

Lucy, a professional facilitator facilitates a broad range of workshops including Sandpits and Sandpit style workshops in the UK and across Europe, also in India. Lucy first facilitated a Sandpit in 2011.

She is an enthusiastic facilitator that approaches workshop design in dynamic and different ways to ensure each is productive and engaging for everyone involved. When 'Sandpitting', Lucy enjoys each fresh challenge of applying the Sandpit methodology to different topics, cultures, challenges, timeframes and participants. Cross disciplinary work and innovation are areas of interest and being part of workshops that address current and future challenges proactively is something she is passionate about.

Notes



Liz Barlow Centre for Facilitation

Liz is a professional facilitator who has facilitated at many events for Universities and Research organisations including Sandpits in the UK, Europe and USA.

She enjoys helping others to collaborate, and seeing ideas and involvement change across several days. Being part of events that consider the cultural and human aspects of future innovations are of particular interest.

Liz is an involving facilitator with a pragmatic approach and a supportive and encouraging facilitation style. She seeks to listen, absorb and work with groups to find a way forward from complex and challenging situations.







Mentors



Urvashi Aneja Centre for Responsible AI (CeRAI)

Areas of expertise:

Policy & regulation

Society & technology

Urvashi Aneia is a researcher, policy analyst and entrepreneur whose work seeks to drive an equitable and just distribution of technology gains.

She is the Founder and Executive Director of Digital Futures Lab, a multi-disciplinary research collective studying the societal impacts of technology transitions in India and the Majority Word. Her current work focuses on the ethics and governance of Artificial Intelligence and she currently leads multiple global projects on Responsible AI, including Generative AI, in LMICs. She regularly advises governments and industry on technology policy. She was recently recognised in Tech Crunch's 2024 list on Influential Women in AI, and among the top AI researchers in India. She has also written extensively on platform governance, the future of work, and gender and digital rights.

She is currently a member of the UN committee on Safe DPI; the Government of Telangana's committee on Responsible and Ethical AI; a member of the Expert Advisory Committee for the Global Index on Responsible AI; and on the advisory board for Quad 9. She is also an associate fellow at the Center for Responsible AI, at IIT Madras.

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Anupam Guha IIT Bombay

Artificial intelligence

Society and Technology

I am an Assistant Professor at ADCPS, IIT Bombay since August 2019. I research the relations of Artificial Intelligence (AI) with labour, society, and policy. I work to expand the critical lens on AI from the current instrumental and normative frameworks to one informed by an immanent critique of its political economy.

Before ITB, from September 2017 to April 2019 I was Senior Researcher at Comcast Research, working on computational linguistics/machine learning problems to make their systems respond to language centered around media. I worked with embedding systems, question answering, topic models, and gathering knowledge from human chatter.







Mentors



Professor LYr Athro Matt Jones Rai UK Integrator, with Swansea University

Human-centred Design

Artificial Intelligence

I'm the Founding Director of the Morgan Advanced Studies Institute in Wales (https://www.swansea.ac.uk/masi) fostering transdisciplinary research. I am a Professor of HCI at the Computational Foundry and my personal research currently focusses on novel interactive Al paradigms (e.g. I have recently been awarded an EPSRC Fellowship on this) and on responsible, inclusive and equitable digital societies (https://includeplus.org/) and I am the co-Research lead of the RAi programme). I lead the EPSRC EPIC Doctoral Training Centre (https://www.swansea.ac.uk/computational-foundry/epsrc-centre-for-doctoral-training/).

Notes



Professor Elvira Perez University of Nottingham

Areas of expertise:

Health & wellbeing

Society & technology

I'm Professor of Mental Health and Digital Technology at the University of Nottingham (combined appointment between the School of Medicine/Computer Science). I am interested in the ethical and responsibility challenges embedded on digital solutions for mental health including the widespread of machine learning/AI methods with the development, for example, of virtual human therapists or companions. I have experience in RRI (Responsible Research and Innovation), EDI, PPIE and Data Ethics as well as Data Privacy, Research Ethics, Human Factors, Creative Practices for Mutual Recovery, Experimental Psychology, Participatory research, Children and Young People, Older Adults and Co-Production.







Mentors



Nandana Sengupta IIT Delhi

Society & technology

Research Methods

I am an Assistant Professor at IIT Delhi's School of Public Policy where we hope to bridge the gap between social scientists, policymakers and technologists in India.

Prior to this I was Assistant Professor at the School of Policy and Governance in Azim Premji University, a postdoctoral scholar at the Knowledge Lab at University of Chicago and a PhD student in Economics at the Tepper School of Business at Carnegie Mellon University.

My research training is in the methodological areas of econometrics, machine learning (ML) and causal inference with applications in the areas of AI & Society, Technology & Labour and ML Innovations for Social Science.

My teaching experience includes quantitative courses at the graduate and undergraduate level including courses on Causal Inference, Al and Society, Regression Analysis and Network Analysis.









Stefanie Felsberger University of Cambridge

Society & technology

Areas of expertise:

Health & wellbeing

I am a sociologist of tech and gender. I hold a PhD in Multi-Disciplinary Gender Studies from the University of Cambridge. My research asked how users of cycle tracking apps in Austria navigate the commodification of their menstrual data through a lens of Data Justice and how people use the apps to navigate the information environment around menstrual and reproductive health.

I am currently a Research Associate at the Minderoo Centre for Technology and Democracy. As part of a Horizon 2020 Research-into-Action project I look at how stakeholders engaged in countering disinformation employ AI/tech tools and how this research can inform human-centred design of trustworthy Al tools to counter disinformation.

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Jayati Deshmukh University of Southampton

Artificial intelligence

Areas of expertise:

Society & technology

I am a Postdoctoral Researcher at the School of Electronics and Computer Science at the University of Southampton. I am a part of the UKRI Trustworthy Autonomous Systems (TAS Hub), Responsible Ai UK (RAi UK) and Citizen-Centric Al Systems (CCAIS) teams. My research interests are in designing autonomous multi-agent systems which act responsibly and are trusted by the people who interface with diverse applications of these systems.

I have submitted my PhD thesis at the Web Science Lab at IIIT-Bangalore. I hold an MTech in Data Science from IIIT-Bangalore and a BE in Computer Engineering from Gujarat Technological University. I have 4+ years of work experience at Accenture Technology Labs, Bangalore where I did research and development in the area of natural language processing, deep learning and knowledge graphs which resulted in many successful PoCs as well as patents and publications.









Lokesh Singh University of Southampton

Areas of expertise:

Artificial Intelligence

Society & technology

I am a PhD graduate from the University of Southampton, where I specialized in Human-Computer Interaction with a keen focus on Affective Computing and Human-Al collaboration. My research journey has been deeply rooted in understanding how humans interact with technology, particularly in induced stress on performance, team coordination, and human-automation collaboration. My expertise spans Signal Processing, Machine Learning, Neuroergonomics, Biomedical Signal Processing, and Programming.

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Deborah Olukan King's College London

Areas of expertise:

Artificial Intelligence

Society & technology

Post-Doctoral Research Associate for Al for Social Good on the RAi UK programme at King's College London. As a computational social scientist with a PhD and MSc in Data Analytics and Society from the University of Leeds, her thesis successfully examined the heterogeneous modelling of human populations in agent-based models. Proficient in Data Science and Machine Learning, Deborah leverages her expertise to develop AI systems that prioritise societal well-being. Passionate about ethical AI, she actively contributes to research that ensures fairness, safety, and privacy in AI technologies.









Neelima Sailaia University of Nottingham Areas of expertise:

Human-centred Design

Society & technology

Neelima Sailaja is a an Assistant Professor at the School of Computer Science, University of Nottingham. She is a interdisciplinary researcher who studies the intersection of cutting-edge computing and it's social, global and planetary impacts. Her work focuses on developing methods for alleviating the socio-technical challenges arising via cutting edge computing (like personal data use, Al and IoT) with a focus on Sustainability, Human Data Interaction, Edge technologies and User Experience Design. Neelima currently leads Nottingham's work package on the £1.2m EPSRC Fixing the Future project, has been awarded the ESRC DGN Research Fund 2024 to study technology circularity across cultures and was CI on the PETRAS New Forms of Public Value at the Edge project. For the latter, she partnered with the BBC and held a 10-day audience trial of a Personal Data Store. She is also an invited member of the BBC's Public Service Data Ecosystem Working Group & Advisory Board. She has published over 20 peer reviewed outputs at leading HCI venues.

Notes



Sarah Kiden University of Southampton

Society & technology

Areas of expertise:

Policy & regulation

sk3r24@soton.ac.uk

I am a Public Interest Technologist and Design Researcher working at the intersection of technology and society. I am a postdoctoral researcher at the University of Southampton, spending time on projects across the Citizen-Centric Artificial Intelligence Systems (CCAIS) research group and Responsible Ai UK (RAi UK). I collaborate on research on explainability and the design of algorithms and interaction mechanisms with non-expert citizen end users to understand and trust future Al systems, and issues around AI ethics, governance, and public participation.









Tuyen Nguyen University of Southampton

Artificial intelligence

Areas of expertise:

Human-centred Design

I am a New Frontiers Fellow (permanent post) at University of Southampton and a Visiting Research Fellow at King's College London. My research centres around human-centred AI, computer vision, and social robotics and their applications to robot learning from and for human interactions. I am interested in developing social Al/robot solutions that can autonomously adapt their way of interacting and assisting users and how they can be deployed in real-world applications that benefit individuals, communities, or society. My recent work received the Honourable Mentioned Award at ICCV UDIVA 2021, the Best Paper Award at ROMAN 2022, and the Prospective Research Award ICServ 2023.

Notes



Thomas Reitmaier Swansea University Areas of expertise:

Society & technology

Human-centred Design

I am a Lecturer in the Computational Foundry at Swansea University and work on the UnMute & Amplify projects, developing a wide range of novel spoken language interaction opportunities, advancing ethical and responsible Al practices, and working closely with communities of digitally 'unheard' minority language speakers in South Africa & India. I completed my PhD at the Centre in ICT for Development at the University of Cape Town, designing, developing, and evaluating new technologies that give everyday people better access, awareness, and control over the things that matter to them.









Marisela Tachiquin University of Nottingham Areas of expertise:

Health & wellbeing

Skills & education

I am an enthusiastic and skilled academic with experience in research and responsible innovation in health and social care focusing on supporting older people. Most of my work and interests revolve around predicting the economic and social impact of the ageing population.

I have been actively involved in leading and fostering collaboration and dialogue among students, academics, older adults, and health and social work professionals. This collaboration aims to develop and implement community programs and demonstrate their impact and potential in improving the quality of life for older adults.

Notes



Gavin Bailey wansea University Areas of expertise:

Human-centred Design

Society & technology

Gavin Bailey is a research officer at Swansea University and a member of the FIT Lab. He completed his PhD, focusing on material and human-centred design to enhance the digital reading experience. His previous work involved studying how public-facing technologies and their users were affected by the COVID-19 pandemic and exploring adaptations to mitigate adverse effects. Gavin also collaborated with older adults to develop self-powered sensors and deployed technologies designed by older adults for their use. Currently, he is working with Prof. Matt Jones on the EVE fellowship, researching the re-orientation of interactive AI systems.









Isabela Parisio King's College London Areas of expertise:

Policy & regulation

Artificial intelligence

I am a New York State Bar-gualified lawyer and Postdoctoral Research Associate at King's College London, working on the Responsible AI UK initiative's policy branch. I recently completed a year of Practical Training as a Policy Analyst at Johns Hopkins University after earning a Master of Laws from Georgetown University, where I interned at the Center for AI and Digital Policy. I hold a Bachelor and Master's in Law & Development from FGV Direito SP in Brazil, with over three years of practice in Administrative and Regulatory Law.

Notes



Shuang Ao University of Southampton Areas of expertise:

Artificial intelligence

Research Methods

My research is building safe and reliable AI systems for safety-critical tasks with Vision-Language processing. I received an OU PhD scholarship and won the Melete Entrepreneur Award. I have hands-on experience of applying state-of-the-arts deep learning models on classification, image captioning, segmentation and synthesis, as well as Medical Conversational Systems and Neural Machine Translation.









Adarsh Valoor University of Southampton

Artificial intelligence

Areas of expertise:

Health & wellbeing

Dr. Adarsh Valoor is a dedicated academic and researcher specializing in artificial intelligence and its applications in health and wellbeing. Dr. Valoor has a Ph.D. in Computer Science from the National Institute of Technology Tiruchirappalli. His research primarily focuses on explainable AI, aiming to enhance transparency in machine learning models used for diagnosing mental health conditions such as depression and Alzheimer's disease. With numerous publications in prestigious journals, Dr. Valoor's work integrates cutting-edge technology with human-centered design to improve patient care and outcomes.

Notes



Athina Georgara University of Southampton

Areas of expertise:

Artificial intelligence

Society & technology

I completed my PhD at the Artificial Intelligence Research Institute of the Spanish National Research Council (IIIA-CSIC) under the supervision of professors Carles Sierra and Juan Antonio Rodríguez-Aguilar. My interests of research lie on Team Formation, Combinatorial Optimization, Algorithmic Game Theory, and Machine Learning within Multi-agent Systems.









Danish Pruthi IISc CSE Areas of expertise:

Artificial intelligence

Society & technology

I am Danish Pruthi, I am an assistant professor at the Indian Institute of Science (IISc), Bangalore. At IISc, I guide an NLP group focused on inclusive evaluation, model control (e.g., editing, de-biasing, or personalizing trained models), and also on inspecting and validating data sources (in response to biased or harmful behavior). I hope to also work on important NLP applications, e.g., content moderation, assisted writing, etc. I am also interested in understanding the broader societal implications of language technologies. In addition to my role at IISc, I also help ASAPP in their efforts to enhance customer support experience at scale.

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Krishna Pillutla

Areas of expertise:

Artificial intelligence

Society & technology

I'm an assistant professor at the Wadhwani School of Data Science & Al and a principal investigator at the Centre for Responsible AI (CeRAI) at IIT Madras. My group studies the theory and practice of ML & AI, focusing on privacy-preserving and robust learning, with applications to LLMs and generative AI.

Previously, I was a visiting researcher (postdoc) at Google Research in the Federated Learning team. I obtained my PhD from the Paul G. Allen School of Computer Science & Engineering at the University of Washington, where I was fortunate to be advised by Zaid Harchaoui and Sham Kakade. Before that, I worked with Nina Balcan for my Master's at Carnegie Mellon University and received an undergraduate degree from IIT Bombay.









Devika Jav Centre for Responsible AI (CeRAI)

Areas of expertise:

Artificial intelligence Sustainability

I completed my PhD (2021) and MS (2013) from IIT-Madras. These days, I lead the R&D group at Gridsentry Private Limited in the area of power cybersecurity. I also pursue my post doctoral research at CeRAI, IIT Madras in the area of Explainable Reinforcement Learning.

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Gokul Krishnan Centre for Responsible AI (CeRAI)

Areas of expertise:

Artificial intelligence

Society & technology

Dr. Gokul S Krishnan is currently a Research Scientist in Centre for Responsible AI, IIT Madras. Prior to this, he was a Guest Researcher at National Institute of Standards and Technology (NIST). Maryland, USA; and a Research Scientist & Postdoctoral Fellow at Robert Bosch Centre for Data Science and AI (RBCDSAI), IIT Madras. His research interests include Responsible AI, Machine/Deep Learning, Natural Language Processing & Large Language Models, Healthcare Informatics, and Web Semantics. He earned his Ph.D. in Information Technology from National Institute of Technology Karnataka, Surathkal. He received his M.Tech degree in Computer Science and Engineering from VIT University, Vellore, Tamil Nadu and B.Tech degree in Computer Science and Engineering from College of Engineering Chengannur, Cochin University of Science and Technology, Kerala. He has several international journals and conference publications to his name and is also a reviewer for several SCI indexed journals. He is passionate about web/mobile app development and is a python language enthusiast as well.









Aparajita Lath National Law School of India University

Areas of expertise:

Policy & regulation

Society & technology

Aparajita Lath is an Assistant Professor of Law at the National Law School of India University, with an LLM from Harvard Law School (Dean's Scholar for Health law and policy) and a BA.LLB (Hons) from NUJS Kolkata. She trained as a lawyer for six years at AZB & Partners and Trilegal. As a student fellow at Harvard's Petrie-Flom Centre, she researched the mRNA technology. Her recent work includes a co-authored paper on sufficiency of patent disclosures in AI medical patents (JIPLP). She was awarded a research grant from the Thakur Foundation for a report on pharmaceutical regulation. She contributes to SpicyIP and Bill of Health.

Notes



Arjun Bhagoii University of Chicago

Areas of expertise:

Artificial intelligence

Society & technology

Arjun Bhagoji is an incoming Assistant Professor at IIT Bombay. He is currently a Research Scientist in the Department of Computer Science at the University of Chicago. His work focuses on the robustness and reliability of machine learning, particularly as it pertains to socially relevant applications. He obtained his Ph.D. in Electrical and Computer Engineering from Princeton University, where he was advised by Prateek Mittal. Before that, he received his Dual Degree (B.Tech+M.Tech) in Electrical Engineering at IIT Madras. Arjun's research has been recognized with a Spotlight at the NeurIPS 2023 conference, the Siemens Future Makers Fellowship in Machine Learning (2018-2019) and the 2018 SEAS Award for Excellence at Princeton University. He was also a 2021 UChicago Rising Star in Data Science.









Abir De **IIT Bombay** Areas of expertise:

Society & technology

Human-centred Design

My current research focus is designing machine learning models and methods for structured objects, e.g., graphs and sets. The specific sub-areas that I am currently working in are Differentiable surrogates for combinatorial algorithms on graphs using neural networks, Dataefficient machine learning, Neural models of set functions, Human in the loop machine learning, and Information diffusion.

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Ujjwala Jeremiah

Google

Areas of expertise:

Policy & regulation

Society & technology

I am a Government Affairs and Public Policy Manager at Google. My skill set Trademarks, Intellectual Property, Litigation, Prosecution, Patent Prosecution and more.









Shouvik Guha West Bengal National University of Juridical Sciences Areas of expertise:

Policy & regulation

Society & technology

I am currently the Co-Coordinator of the Centre for Financial and Regulatory Governance Studies and the Centre for Competition Laws, the Founder-Coordinator of the Centre for Law, Literature and Popular Culture, the Assistant Coordinator of the Centre for Law and Technology, and the Associate Director of the Centre for Aviation and Space Laws at NUJS. In 2019, a course I designed, exploring the interface between law and fantasy fiction literature, received international acclaim and global media coverage for being the first of its kind in the world. I am also a TEDx speaker, and a member of the global forum of Sustainable Market Actors for Responsible Trade (SMART), the Network of Indian Competition Experts- Cartel Working Group (NICE-CWG) created by the Competition Commission of India, the IP and Innovation Researchers of Asia Network (IPIRA), and the Indian National Association of Legal Professionals (INALP).

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Abhijnan Chakraborty IIT Kharagpur Areas of expertise:

Artificial intelligence

Society and Technology

Abhijnan Chakraborty is an Assistant Professor in the Department of Computer Science and Engineering at IIT Kharagpur. Until recently, he was an Assistant Professor at IIT Delhi in the Department of Computer Science and was also associated with the School of Artificial Intelligence. His research interests fall under the broad area of Responsible AI, with specific focus on Fairness in Algorithmic Decision Making. He has earlier worked at the Max Planck Institute for Software Systems (in Saarbrucken) and Microsoft Research (in Bangalore). During his PhD at IIT Kharagpur, he was awarded Google PhD Fellowship and the Prime Minister's Fellowship for Doctoral Research. Abhijnan is a Young Associate of Indian National Academy of Engineering (INAE). He regularly publishes and serves in the program committees of top-tier computer science conferences including WWW, AAAI, KDD, IJCAI, AAMAS, CSCW and ICWSM. He has won the IEI Young Engineers Award in 2023, the INAE Young Engineer award in 2022, the best paper award at ASONAM'16 and best poster award at ECIR'19 conference. His works have been covered by all major news outlets in India. More details about him can be found at https://cse.iitkgp.ac.in/~abhijnan/







Participants expertise

First Name	Last Name	Artificial Intelligence	Health & wellbeing	Human- centred design	Policy & regulation	Research methods	Skills & education	Society & technology	Sustainability
Abhijnan	Chakraborty								
Abir	De								
Adarsh	Valoor								
Aparajita	Lath								
Arjun	Bhagoji								
Athina	Georgara								
Danish	Pruthi								
Deborah	Olukan								
Devika	Jay								
Gavin	Bailey								
Gokul	Krishnan								
Isabela	Parisio								
Jayati	Deshmukh								
Krishna	Pillutla								
Lokesh	Singh								
Marisela	Tachiquín								
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Sarah	Kiden								
Shouvik	Guha								
Shuang	Ao								
Stefanie	Felsberger								
Thomas	Reitmaier								
Tuyen	Nguyen								
Ujjwala	Jeremiah								

















































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