

The ISTAS 2020 Program incorporates a mix of plenary, invited, oral, abstract, short paper and full paper presentations across three virtual meeting rooms.

Please note: All individual presentation times are presented in MST (Arizona, USA)

Zoom Links for each Track have been provided directly to registered participants

Thursday 12 November 2020

9:00am AZ	<p><i>Plenary 1 (09:00am Arizona (MST), 11am EST, 4pm UTC, 3am +1 Sydney)</i> <i>The Message and the Mission: Narrowing the Gap</i> Jeremy Pitt <i>Boundaries without Borders: A Call for Resiliency Technology in a world of veillances</i> Christine Perakslis Questions and Answers</p>
10:30amAZ	<p><i>Plenary 2 (10:30am Arizona (MST), 12:30pm EST, 5:30pm UTC, 4:30am +1 Sydney)</i> <i>The Story of the Internet and How it Broke Bad: A Call for Public- Interest Technologists</i> Bruce Schneier <i>Design Lessons From AI's Two Grand Goals: Human Emulation and Useful Applications</i> Ben Shneiderman <i>Creating the Public Interest Technologies of the Future - Learning to Love the "Wicked Problem"</i> Jamie Winterton Questions and Answers</p>
12:30pm AZ	<p><i>Plenary 3 (12:30pm Arizona (MST), 3:00pm EST, 8:00pm UTC, 07:00am +1 Sydney)</i> <i>Designing Without the -Isms: How Tech Inclusion Benefits Society</i> Chancey Fleet, Nikki Stevens, Berhan Taye and Mark A. Vasquez</p>

	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track
	Thursday 12 November 1:30pm Arizona (MST), 3:30pm EST, 08:30pm UTC, Friday 13 November 07:30am Sydney		
1:30pm AZ	<p>Session 1 1:30 - 2pm AZ <i>Living on the Edge of Tomorrow: A Moviegoer's Guide to Public Interest Technology</i> Andrew Maynard</p> <p>2 - 2:30pm AZ <i>Technology and Human Trafficking</i> Felicity Gerry</p> <p>2:30 - 3pm AZ <i>Dosing Discrimination: A Critical Analysis of PDMP Risk Scores</i> Jennifer Oliva</p> <p>3- 3:30pm AZ <i>The weaponization of AI: Investigating Deepfakes and its racial and gendered warfare</i> Fatima Zahrae Chrifi Alaoui</p>	<p>Session 2 1:30 - 2pm AZ <i>Public Interest Technology and Ethics</i> Fritz Smith</p> <p>2 - 2:30pm AZ <i>Affective Rights: A Foundation for Ethical Standards</i> Angelo Ferraro</p> <p>2:30 - 3pm AZ <i>Material Value Ethics in a Model Process for Values-Based Design</i> Lee Barford</p> <p>3- 3:30pm AZ <i>Robots, Ethics, and Pandemics: How Might a Global Problem Change the Technology's Adoption?</i> Yvette Pearson and Jason Borenstein</p>	<p>Session 3 1:30 - 2pm AZ <i>An Abstract Human-Centric Framework for Ethical Task-Automation Decisions</i> Trevor Smith</p> <p>2 - 2:30pm AZ <i>Developing Use Cases to Support an Empathic Technology Ethics Standard</i> Randy Soper, Karen Bennet, Pablo Rivas and Mathana</p> <p>2:30 - 3pm AZ <i>Ethical Tech Pedagogy for Public Good: A Review of Educational Initiatives and Approaches</i> Jason Lajoie, Alexi Orchard and Heather Love</p> <p>3- 3:30pm AZ <i>Ethical Concerns: An overview of Artificial Intelligence Systems' Development and Life Cycle</i> Hassan Shazly, Angelo Ferraro and Karen Bennet</p>

	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track
	Thursday 3:30pm Arizona (MST), 5:30pm EST, 10:30pm UTC, Friday 09:30am Sydney	Thursday 4:00pm Arizona (MST), 6:00pm EST, 11:00pm UTC, Friday 10:00am Sydney	Thursday 4:00pm Arizona (MST), 6:00pm EST, 11:00pm UTC, Friday 10:00am Sydney
3:30pm AZ	<p>Session 4 3:30pm - 5pm AZ Ethics, Governance and Emerging Technologies Panel Wendell Wallach, John C Havens, Jumana Abu-Ghazaleh and Roba Abbas</p> <p>5 - 5:30pm AZ Everyday Experts: Transforming Research and Design Practices for Disability Rebecca Monteleone</p> <p>5:30 - 6:30pm AZ Social Psychology and Public Interest Technology Sam Wilson, Diane Sivasubramaniam and Julian Oldmeadow</p> <p>6:30 - 7:00pm AZ Time travelers and space invaders - implications of pervasive systems for public interest technology Eusebio Scornavacca</p>	<p>Session 5 4 - 4:30pm AZ Can we use non-transparent artificial intelligence technologies for legal purposes? Greg Adamson</p> <p>4:30 - 5pm AZ The Future of AI in Development: Ubiquitous Technology for All Kevin D. Johnson</p> <p>5 - 5:30pm AZ The Sociological Imagination in the Emerging Age of A.I. Soraya Cardenas</p> <p>5:30 - 6pm AZ “Black Box Justice”: Robot Judges and AI-based Judgment Processes in China’s Court System Nu Wang</p> <p>6 - 6:30pm AZ Risks of Bias in AI-Based Emotional Analysis Technology from Diversity Perspectives Sumiko Shimo</p>	<p>Session 6 4 - 4:30pm AZ A Costly Emergencies Approach to Estimating Risks for Artificial Intelligence Sara Jordan and Phillip Gray</p> <p>4:30 - 5pm AZ When AI Gossips Angelo Ferraro</p> <p>5 - 5:30pm AZ AI and the Data Rights Considerations for US Policy Elma Hajric</p> <p>5:30 - 6pm AZ AI Development for the Public Interest: From Abstraction Traps to Sociotechnical Risks Mckane Andrus, Sarah Dean, Thomas Gilbert, Nathan Lambert and Tom Zick</p> <p>6 - 6:30pm AZ AI Orthopraxy: Towards a Framework for AI That Promotes Fairness Pablo Rivas</p>

	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track
	Thursday 7:00pm Arizona (MST), 9:00pm EST, Friday 02:00am UTC, 1:00pm Sydney		
7:00pm AZ	<p>Session 7 7:00 - 7:30pm AZ <i>The UOW Library Future-Ready Strategy</i> Margie Jantti</p> <p>7:30 - 8:00pm AZ <i>Citizen Centered Smart Cities and Smart Living NSF-NRT Project</i> Troy McDaniel, Jordan Miller, Yatiraj Shetty, Edgard Musafiri Mimo, Devon McAslan and Katina Michael</p> <p>8:00 - 9:00pm AZ <i>Women of Color in Tech: A Blueprint for Inspiring and Mentoring the Next Generation of Technology Innovators</i> Susanne Tedrick</p> <p>9:00 - 9:30pm AZ <i>Creating Future Smart Infrastructure: Intelligent and Autonomous Infrastructure</i> Darryl Keeton</p>	<p>Session 8 7:00 - 8:00pm AZ <i>Rethinking Museum Initiatives as Public Interest Technologies</i> Sherri Wasserman</p> <p>8:00 - 9:00pm AZ <i>Ways of Working: A Participatory Approach for Public Interest Technology through Active Listening</i> Alexander Hayes and Magali McDuffie</p>	<p>Session 9 7:00 - 7:30pm AZ <i>Identifying Positive Socioeconomic Factors of Worker Roles</i> Shivam Zaveri</p> <p>7:30 - 8:00pm AZ <i>Technology and the Formalization of the Informal Economy</i> Salah Hamdoun</p> <p>8:00 - 8:30pm AZ <i>Barriers to the Adoption of Autonomous Vehicles in Rural Communities</i> Diandra Prioleau, Priya Dames, Kiana Alikhademi and Juan Gilbert</p> <p>8:30 - 9:00pm AZ <i>Virtual Traffic Stop</i> Isabel Laurenceau, Jessica Jones, Dekita Moon, Michelle Emamdie and Juan Gilbert</p>

	<i>Track 1 (Sydney)</i> <i>Invited Speakers</i>	<i>Track 2 (Gong)</i> <i>Author Track</i>	<i>Track 3 (Phoenix)</i> <i>Author Track</i>
	<i>Thursday 9:30pm Arizona (MST), 11:30pm EST, Friday 04:30am UTC, 3:30pm Sydney</i>		
9:00pm AZ	<i>Session 10</i> <i>9:30 - 11:00pm AZ Workshop:</i> <i>Designing a social preferable future</i> Nathan Kinch and Mathew Mytka	<i>Session 11</i> <i>9:30 - 10:00pm AZ ClickThru Terms of Service:</i> <i>Blockchain smart contracts to improve consumer engagement?</i> Steven Wright <i>10:00- 10:30pm AZ When Brain Computer Interfaces Pose an Existential Risk</i> Megan Demko, Kennedy Wagner, Katina Michael and Terri Bookman <i>10:30- 11:00 pm AZ Aging in Smart Environments for Independence</i> Jordan Miller, Troy McDaniel and Michael Bernstein <i>11:00 - 11:30 pm AZ The Norwegian Covid-19 tracing app experiment: lessons for pandemic governance and civic activism</i> Kristin Sandvik <i>11:30 - 12:00 pm AZ Artificial Intelligence: Implications for the Future of Education</i> Kholoud Alkayid and Rami Shaheen	<i>Session 12</i> <i>9:30 - 10:00pm AZ Access Denied</i> Diana Madril <i>10:00- 10:30pm AZ Considering the Effects of Computer Scientist Stereotypes on Mental Health</i> Francesca Vera <i>11:00 - 11:30 pm AZ Effects of Availability and Accessibility of Blue- Green Infrastructure on Environmental Justice and Health Equality</i> Maryam Rezaei Ghaleh and Marzieh Rezaei Ghaleh

Saturday 14 November 2020

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	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track	Track 4 (Tempe Radio) PodCasts
	Saturday 7:00am Arizona (MST), 9:00am EST, 2:00pm UTC, Sunday 1:00am Sydney			
7:00am AZ	Plenary 4 <i>Social Impact of Intelligence Amplification</i> Joseph Carvalko			
	Saturday 8:00am Arizona (MST), 10:00am EST, 3:00pm UTC, Sunday 2:00am Sydney			
8:00am AZ	Session 13 <i>8:00 - 9:00am AZ Not The value of being human - finding balance between the artificial and nature worlds</i> Salema Veliu	Session 14 <i>8:00 - 8:30am AZ Not Another Panic Button: Inclusion in public interest technology</i> Toby Shulruff <i>8:30 - 9:00am AZ Can a solution also be a problem? Some thoughts and ideas for the fight against the COVID-19 pandemic</i> Howard Wolfman	Session 15 <i>8:00 - 8:30am AZ Pedagogical participatory experiences to promote Public Interest Technology from volunteer work</i> José Antonio Cepero- Saravia, Cristina Dreifuss- Serrano and Pablo C. Herrera <i>8:30 - 9:00am AZ Reimagining the Role(s) of Public Interest Technology</i> Vandhana Ravi	<i>8:00 - 8:30am AZ Value Sensitive Design and Environmental Impact Potential Assessment for Enhanced Sustainability in Unmanned Aerial Systems</i> Nicolai Iversen, Morten Birkved and Dylan Cawthorne

IEEE ISTAS 2020 Program as at 09 November 2020
Virtual Event, 12 November, 14 November and 15 November 2020
<https://attend.ieee.org/istas-2020/program/>

<p>9:00 - 9:30am AZ Innovations in Refugee Camps: A Case Study of the Rohingyas from Myanmar Faheem Hussain</p> <p>9:30 - 10:00am AZ Advancing Innovative Approaches to Climate Adaptation Netra Chhetri</p> <p>10:00 - 10:30am AZ SolarSPELL Laura Hosman</p>	<p>9:00 - 9:30am AZ Body Modifications and Their Health Implications Lauryn Remmers and Katina Michael</p> <p>9:30 - 10:00am AZ Public Interest: EEG Implants Riley Tallman</p> <p>10:00 - 10:30am AZ The Possibility of a Public Interest Technology: Blockchain in the Time Bank Chengmeng Zhang and Wenqing Yu</p> <p>10:30 - 11:00am AZ Using Open Source Licensing to Regulate the Assembly of LAWS: A Preliminary Analysis Cheng Lin and Ajung Moon</p>	<p>9:00 - 9:30am AZ Care and Liberation in Creating a Student-Led Public Interest Technology Clinic Shreya Chowdhary, Sam Daitzman, Ruby Eisenbud, Emma Pan and Erhardt Graeff</p> <p>9:30 - 10:00am AZ Translating Public Interest Technology in the Global South? Yunus Dogan Telli and Robert Krueger</p> <p>10:00 - 10:30am AZ A Conceptual Model and Platform for Public Interest-Sensitive Design Jeremy Pitt and Cranefield Stephen</p> <p>10:30 - 11:00am AZ Towards an Open Web of Things Bart Moons and Jeroen Hoebeke</p>
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	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track	Track 4 (Tempe Radio) PodCasts
	Saturday 10:30am Arizona (MST), 12:30am EST, 5:30pm UTC, Sunday 4:30am Sydney		Saturday 11:00am Arizona (MST), 1:00pm EST, 6:00pm UTC, Sunday 5:00am Sydney	
10:30 AZ / 11:00 AZ	<p>Session 16 10:30 - 11:30am AZ IEEE HAC & SIGHT Response to COVID-19 Kartik Kulkarni, Sampath Veeraraghavan, John Funso, Pia Torres 11:30 - 12:00pm AZ Greetings from the Field Jason Sargent</p> <p>12:00 - 1:00pm AZ Non-digital citizenry: unmapped, unbanked and unknown Jason Sargent, Paul Scifleet and Mohamed Ibrahim</p>	<p>Session 17 11:00 - 11:30am AZ What do roboticists need to know about people? Clinton Andrews 11:30 - 12:00pm AZ Collaborating to build the software good policy deserves Evagelia Emily Tavouareas and Cyd Harrell 12:00 - 12:30pm AZ The Implications of Neuralink and Brain Machine Interface Technologies William Armstrong and Katina Michael 12:30 - 1:00pm AZ When smart systems fail: the ethics of cyber-physical critical infrastructure risk Caitlin Grady, Sarah Rajtmajer and Lauren Dennis</p>	<p>Session 18 11:00 - 11:30am AZ Clickbait - Trust and Credibility of Digital News Vivek Kaushal and Kavita Vemuri 11:30 - 12:00pm AZ Context Marketing in the Public Sphere: A Systematic Literature Review Anna-Lena Christina Krusch, Per Ole Uphaus and Harald Rau 12:00 - 12:30pm AZ Making Publics Visible Annie Patrick 12:30 - 1:00pm AZ An analysis of the Australian News Coverage of the Hannah Clarke and Family Suicide-Murder in February 2020 Julia Kolevski</p>	

	1:00 - 1:30pm AZ Citizen Participation in Global Governance of the Internet Mahmud Farooque			
	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track	Track 4 (Tempe Radio) PodCasts
Saturday 1:30pm Arizona (MST), 3:30pm EST, 8:30pm UTC, Sunday 7:30am Sydney				
1:30pm AZ	Session 19 1:30 - 2:00pm AZ HASTAC: Changing the Way We Teach and Learn Jacqueline Wernimont 2:00 - 2:30pm AZ A Long, Long Game: The Philosophy of Engineering and Culture Change in Engineering Practice Zachary Pirtle 2:30 - 3:00pm AZ Student Pugwash: Perspectives on Social Responsibility in Science & Technology Rachel Svetanoff	Session 20 1:30 - 2:00pm AZ Analyzing cyber-physical threats to Pennsylvania dams through a lens of vulnerability Lauren Dennis, Sarah Rajtmajer and Caitlin Grady 2:00 - 2:30pm AZ Evaluation and Load Selection using Energy Storage System Priority Index (ESSPI) Guillermo Lopez and Eduardo Ortiz-Rivera 2:30 - 3:00pm AZ Toward Post-Quantum Mixnets with PQSphinx David Sidi, Jane Bambauer and Catherine Brooks 3:00 - 3:30pm AZ The "Criminality from Face" Illusion Walter Scheirer	Session 21 1:30 - 2:00pm AZ Exploratory Data Analysis of Government Procurement Data to Influence Bidding Decision and Strategy in Albay, Philippines Maria Jihan Sangil 2:00 - 2:30pm AZ Recycling process through 3D videogame technologies for web platforms in Latin-American context Angel Torres Toukoumidis, Vladimir Robles-Bykbaev and Mario Cajamarca 2:30 - 3:00pm AZ Re-Designing Dark Patterns to Improve Privacy Davide Maria Parrilli and Rodrigo Hernández Ramírez 3:00 - 3:30pm AZ Categorizing Online Harassment Interventions	3:00 - 3:30pm AZ How it started, how it's going - Education in Afghanistan Safia Barikzai

	<p>3:00 - 4:30pm AZ Panel: What should tech in the public interest look like for Gen Z? Moderator: Prof Judith Bessant Dr Rys Farthing, Ellis Howard, Yanique Bird</p>	<p>3:30 - 4:00pm AZ The Accessibility of Personal Social Media Images for Face Analysis Giordano Benitez Torres and Michael King 4:00 - 4:30pm AZ Technology as Education in Facilitating Peace Dialogues for Women and Youth in Post-Conflict Rwanda and Afghanistan: Comparative Analysis Yagana Hafed and Oluwabukola Makinde</p>	<p>Chenlu Feng and Donghee Yvette Wohn 3:30 - 4:00pm AZ Truly Visual Caller ID? An Analysis of Anti-Robocall Applications and their Accessibility to Visually Impaired Users Imani Sherman, Jasmine Bowers, Liz-Laure Laborde, Juan Gilbert, Jaime Ruiz and Patrick Traynor</p>	
	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track	Track 4 (Tempe Radio) PodCasts
Saturday 4:30pm Arizona (MST), 6:30pm EST, 11:30pm UTC, Sunday 10:30am Sydney				
4:30pm AZ	<p>Session 22 4:30 - 5:30pm AZ Digital Afterlife: What happens to our data after our death and should we care? Faheem Hussain</p>	<p>Session 23 4:30 - 5:00pm AZ Health Information Seeking Behaviour, Risk Communication, and Mobility During COVID-19 Jordan Richard Schoenherr and Robert Thomson 5:00 - 5:30pm AZ Can US middle class survive technological progress? Danil Prokhorov</p>	<p>Session 24 4:30 - 5:00pm AZ The Fourth Industrial Revolution: Promise or Peril? Chris Barton 5:00 - 5:30pm AZ A digital “Yellow Card” for securely recording vaccinations using Community PKI certificates Stephen Wilson</p>	<p>5:00 - 6:00pm AZ The Praxis of UN SDG 5 & 15: Student deep dives into gender equality and life on land in the remote Satpuda Ranges of Maharashtra State, India</p>

IEEE ISTAS 2020 Program as at 09 November 2020
Virtual Event, 12 November, 14 November and 15 November 2020
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<p>5:30 - 6:00pm AZ Public Interest Technology and Global Development Mary Jane C. Parmentier</p> <p>6:00 - 6:30pm AZ Thinking south: publics interest technologies beyond American frameworks Martin Perez Comisso</p> <p>6:30 - 7:00pm AZ Smart Mobility as Public Interest Technology? Devon McAslan</p> <p>7:00 - 7:30pm AZ The socioeconomic impacts of automation in the future of work Sarah Martin</p> <p>7:30 - 8:00pm AZ SenSIP Center Research on Machine Learning for Solar Systems Andreas Spanias</p> <p>8:00 - 8:30pm AZ Datafication: Why Process Matters Alexander Halavais</p>	<p>5:30 - 6:00pm AZ Stakeholders in the cloud computing value-chain: A socio-technical review of data breach literature David Kolevski, Katina Michael, Roba Abbas and Mark Freeman</p> <p>6:00 - 6:30pm AZ Defending Deep Learning Based Anomaly Detection Systems Against White-Box Adversarial Examples and Backdoor Attacks Khaled Alrawashdeh and Stephen Goldsmith</p> <p>6:30 - 7:00pm AZ Predicting the Public Interests of a New Social Post Md Musfique Anwar</p> <p>7:30 - 8:00pm AZ The Future of Solar-Powered Societies Clark Miller</p>	<p>5:30 - 6:00pm AZ Contending with Wicked Crypto Kevin Kredit</p> <p>6:00 - 6:30pm AZ Cyberbullying and Society: Outcomes from Social Conclave Conference Rishabh Reddy, Rishabh Singh, Vidhi Kapoor and Prathamesh Churi</p> <p>6:30 - 7:00pm AZ Bidirectional Transformer based on online Text-based Information to Implement Convolutional Neural Network Model For Secure Business Investment Maryam Heidari and Setareh Rafatirad</p> <p>7:00 - 7:30pm AZ Wearable Ultraviolet Radiation Exposure Sensors for Research and Personal Use Alyssa Henning, Jennifer Vanos and Nathan Downs</p>	<p>Ben Corbett, Felix Harvey, Ziyi Kate Song, Kandice Stern, Nathan Rhodes, Jorel Basangan, Hadley Dixon, Yu Kai Teh, Jason Sargent, Vasudeva Achary, Julian Draudins, Jake Pringle and Stuart McLoughlin</p> <p>6:00 - 6:30pm AZ Socio-Technical Education Platform for Young Adults: A Preliminary Overview Areana Tran and Serena Tran</p>
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Sunday 15 November 2020

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	Sunday 8:30am Arizona (MST), 10:30am EST, 3:30pm UTC, Monday 2:30am Sydney			
8:30am AZ	Plenary 5 "Killing Two Birds with One Stone"? A Case Study of Development Use of Drones for Medical Delivery Ning Wang			
	Sunday 9:00am Arizona (MST), 11:00am EST, 4:00pm UTC, Monday 3:00am Sydney			
9:00am AZ	Session 25 9:00 - 9:40am AZ Engineers and Scientists in Community-based Collaborations: Incentives, Barriers, and Potential Jean Boucher, Anthony Levenda, Jorge Morales- Guerrero, Madison Macias and Darshan Karwat	Session 26 9:00 - 9:30am AZ Surveillance Societies: Factors Affecting the Adoption of Surveillance Technologies Jordan Richard Schoenherr 9:30 - 10:00am AZ Is that traffic light tracking you? A Case Study on a Municipal Surveillance Technology in Seattle Cynthia Spiess	Session 27 9:00 - 9:30am AZ Tanjim Taharat Aurpa, Md Shoaib Ahmed and Md Musfique Anwar 9:30 - 10:00am AZ Question Answering with Deeper Reasoning and Unanswerable Questions for COVID-19 Nickolas Dodd	

IEEE ISTAS 2020 Program as at 09 November 2020
Virtual Event, 12 November, 14 November and 15 November 2020
<https://attend.ieee.org/istas-2020/program/>

	<p>9:45 - 10:45am AZ <i>Can we design socially-focused enterprises to address environmental, climate, and energy justice challenges?</i> Darshan Karwat, Jared Byrne and Jean Boucher</p> <p>10:50 - 11:20am AZ <i>When Mental Walls Lead to Physical Walls: Using Art to Investigate the Social Responsibility of Engineers</i> Madison Macias, Peter Pohorily, Jorge Morales Guerrero and Darshan Karwat</p> <p>11:30 - 12:00pm AZ <i>A Commentary on Covid-19 Contact-Tracing Apps and Broader Societal Implications of Technosolutionism</i> Elma Hajric</p>	<p>10:00 - 10:30am AZ <i>Cultivating Technological Stewardship to Change the Culture of Engineering</i> Jason Lajoie, George Roter and Mark Abbott</p> <p>10:30 - 11:00am AZ <i>Do-it-yourself technology for autonomous engineering</i> Sara Lail, Matthew Gary, Matt Haslam, Angela Beck, Shirley Johnson, Brian Lail and Sergio Canu</p> <p>11:00 - 11:30am AZ <i>The Place of Wicked Problems in Engineering Problem Solving: A Proposed Taxonomy</i> Beth-Anne Schuelke-Leech</p>	<p>10:00 - 10:30am AZ <i>Decoding the Public interest of Aarogya Setu, contact tracing app for managing the COVID19 pandemic in India</i> Farah Najar</p> <p>10:30 - 11:00am AZ <i>Design Futures For Electrical Engineering Undergraduate Course</i> Maria Clara Sousa Magalhães and Jalberth Fernandes de Araújo</p> <p>11:00 - 11:30am AZ <i>The Historical and Ideological Chasm between Engineering and Development</i> Eric Stribling</p>	<p>11:30 - 12:30am AZ <i>Serious Privacy</i> K Royal and Paul Breitbarth</p>
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	Sunday 12:00pm Arizona (MST), 2:00pm EST, 7:00pm UTC, Monday 6:00am Sydney			
12:00pm AZ	<p>Session 28 12:00 - 12:30pm AZ <i>Why Censorship and Secrecy Undermine Democracy and Security</i> Vanessa Teague 12:30 - 1:00pm AZ <i>In privacy, do we protect the helmet... or the head?</i> Nicole Stephensen 1:00 - 1:30pm AZ <i>“Cry havoc and let slip the dogs of war”?</i> Kobi Leins 1:30 - 2:00pm AZ <i>A future-oriented consideration of pathways to a high-tech, low-vulnerability society</i> Lindsay Robertson</p>	<p>Session 29 12:00 - 12:30pm AZ <i>Tesseract Optimization for Data Privacy and Sharing Economics</i> Shubhadip Ray, Tharangini Palanivel, Norbert Herman and Yixuan Li 12:30 - 1:00pm AZ <i>Recovering Human Genome Information from Wastewater: The Need for an Ethical Framework</i> Danielle Jacobs, Troy McDaniel, Arvind Varsani, Rolf Halden, Stephanie Forrest and Heewook Lee 1:00 - 1:30pm AZ <i>LBS and Dementia: An Insight Pertaining Their Security and Privacy</i> Mohamad Soubra 1:30 - 2:00pm AZ <i>Hope gardens</i> Amulya Prakash Prakash</p>	<p>Session 30 12:00 - 12:30pm AZ <i>Arbiter: Improved Smart City Operations through Decentralized Autonomous Organization</i> Francis Mendoza and Hans Behrens 12:30 - 1:00pm AZ <i>Smart Cities through the Eyes of Criminals and Terrorists</i> Josh Massad 1:00 - 1:30pm AZ <i>Sustainability means inclusivity: engaging citizens in early stage smart city development</i> Katherine Harrison, Ahmet Börütecene, Jonas Löwgren, Desirée Enlund, Rasmus Ringdahl and Vangelis Angelakis 1:30 - 2:00pm AZ <i>The Role of Smart Flood Management in the Ancient Blue-Green Infrastructure</i> Maryam Rezaei Ghaleh and Marzieh Rezaei Ghaleh</p>	<p>12:30 - 1:30pm AZ <i>What's Betwixt Us? Zanie.App</i> Lyssa Mandel and Jumana Abu-Ghazaleh</p>

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	Sunday 2:00pm Arizona (MST), 4:00pm EST, 9:00pm UTC, Monday 8:00am Sydney	Sunday 2:30pm Arizona (MST), 4:30pm EST, 9:30pm UTC, Monday 8:30am Sydney		
2:00pm AZ / 2:30pm AZ	<p>Session 31 2:00 - 3:30pm AZ <i>Stare into the Lights my Pretties</i> Jordan Brown, Roger Clarke and Katina Michael</p> <p>3:30 - 4:00pm AZ <i>Passive Wearable Assistive Robotic Device (WeARoP): From Engineering Based to User Centred Design</i> Rahim Mutlu and Roba Abbas</p> <p>4:00 - 4:30pm AZ <i>Embodied Computing, AI, and Socio-ethical Implications</i> Isabel Pedersen</p>	<p>Session 32 2:30 - 3:00pm AZ <i>The Effect of Tracking and Reflecting on Study Habits on Study Behavior and Grades</i> Donghee Yvette Wohn and Michael J. Lee</p> <p>3:00 - 3:30pm AZ <i>One Laptop Per Child 2.0 - The Lessons We Did Not Learn: Education, Technology, and COVID-19</i> Damita Kaloostian, Brittany M. McCall and Nalini Chhetri</p> <p>3:30 - 4:00pm AZ <i>Constructing a Visualization Dashboard to Improve Educational Standards in Arizona Legislative Districts</i> Justin Colyar</p>	<p>Session 33 2:30 - 3:00pm AZ <i>COVID-19 Impacts on Native American Citizens and Tribal Governments</i> Leonard Bruce</p> <p>3:00 - 3:30pm AZ <i>CovidFree App – The User Enabling Covid Contact Prevention App</i> Edgard Musafiri Mimo and Troy McDaniel</p> <p>3:30 - 4:00pm AZ <i>Mixed-Initiative Flexible Autonomy in Drone Swarms for COVID-19 Applications</i> Parth Khopkar</p> <p>4:00 - 4:30pm AZ <i>Success in digital governance: A literature review on Taiwan’s COVID-19 management</i> Haowen Fan</p>	

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	<p>4:30 - 5:00pm AZ Embodied Computing Wearables, Implantables, Embeddables, Ingestible Andrew Iliadis</p> <p>5:00 - 5:30pm AZ Questions & Answers Moderator Christine Perakslis</p>	<p>4:00 - 4:30pm AZ Problematization in Machine Learning - On What it Means to 'Dot One's Eyes' Razvan Amironesei, Emily Denton and Alex Hanna</p> <p>4:30 - 5:00pm AZ Fairness of Machine Learning Algorithms for the Black Community Sountongnoma Martial Anicet Kiemde and Ahmed Dooguy Kora</p>	<p>4:30 - 5:00pm AZ Fairness of Machine Learning Algorithms for the Black Community Sountongnoma Martial Anicet Kiemde and Ahmed Dooguy Kora</p> <p>5:00 - 5:30pm AZ 87 Badhan Chandra Das and Md Musfique Anwar</p>	
	Track 1 (Sydney) Invited Speakers	Track 2 (Gong) Author Track	Track 3 (Phoenix) Author Track	Track 4 (Tempe Radio) PodCasts
Sunday 5:30pm Arizona (MST), 7:30pm EST, Monday 00:30am UTC, 11:30am Sydney				
5:30pm AZ	<p>Session 34 5:30 -- 6:30pm AZ Autism: Awareness, acceptance and public interest Sandra Jones</p>	<p>Session 35 5:30 -- 6:00pm AZ In Search of a Pattern and Algorithmic Code for COVID-19: A participant self-customized diagnostic awareness system and simulator to comprehend, combat, coexist, cope and trace Alireza Ebrahimi</p> <p>6:00 - 6:30pm AZ Algorithms that Empower? Platformization in U.S. Intelligence Analysis Kathleen Vogel and Matthew Schmidt</p>	<p>Session 36 5:30 -- 6:00pm AZ 78 Sarmistha Sarna Gomasta, Aditi Dhali and Md Musfique Anwar</p> <p>6:00 - 6:30pm AZ Tracking Users' Interests in Twitter Tasnim Siraj, Md Musfique Anwar and Md. Al-Amin Bhuiyan</p>	

IEEE ISTAS 2020 Program as at 09 November 2020
Virtual Event, 12 November, 14 November and 15 November 2020
<https://attend.ieee.org/istas-2020/program/>

<p>6:30 - 7:30pm AZ Being Human: Principles for Technology Design enabling Human and Planetary Flourishing Theresa Anderson</p> <p>7:30 - 8:30pm AZ Publishing with IEEE SSIT Terri Bookman, Katina Michael and Roba Abbas</p> <p>8:30 - 9:30pm AZ Reflections, Thanks and Close Katina Michael and Roba Abbas, Jumana Abu-Ghazaleh, Christine Perakslis</p>	<p>6:30 - 7:00pm AZ A Recommendation Algorithm using Adaptive Aggregation of Binary Ratings Bidur Subedi and Stephanos Mavromoustakos</p> <p>7:00 - 7:30pm AZ Cyber, Social and Communication Failures in the Implantable Medical Device Ecosystem Josh Massad</p> <p>7:30 - 8:00pm AZ Implantable Medical Device Database: Improving Consumer Access to Post- Market Device Performance Peter Pohorily</p> <p>8:00 - 8:30pm AZ Techno-economic entanglement, 2020 Ahmed Abbas</p>	<p>6:30 - 7:00pm AZ Public Accountability: Understanding Sentiments towards Artificial Intelligence across Dispositional Identities Brianna Richardson, Diandra Prioleau, Kiana Alikhademi and Juan Gilbert</p> <p>7:00 - 7:30pm AZ A Deep Learning based Child Exploitation Alert System for Parents Shinthe Tasnim Himi, Sarmistha Sarna Gomasta, Natasha Tanzila Monalisa and Md. Ezharul Islam</p> <p>7:30 - 8:00pm AZ Classification of Twitter Users based on Temporal Topical Interests Tamanna Afrose, Atashi Mani Ghosh, Murad Hossen and Md Musfique Anwar</p> <p>8:00 - 8:30pm AZ Modeling Trustworthiness of a Topic based on Structural Properties in Twitter Md. Habibur Rahman, Tabia Tanzin Prama and Md Musfique Anwar</p>	
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