

| <p align="center">European Conference on the Impact of AI and Robotics (ECIAIR 2020) 22 October - 23 October 2020 A virtual conference supported by Instituto Universitário de Lisboa (ISCTE-IUL) Conference runs to UK timings (GMT +1)</p> | | |
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| | Thursday 22nd October | <u>Zoom Room Details</u> |
| 08:45 | Zoom Room 1 Opens | Password for both rooms: ECIAIR20 |
| 09:15 | Welcome and Opening: Professor Isabel Salavisa Vice-Rector for Research at ISCTE-Instituto Universitário de Lisboa | Room 1 https://us02web.zoom.us/j/84457959383 Meeting ID: 844 5795 9383 |
| 09:30 | Keynote presentation: Prof. Mário Figueiredo, University of Lisbon, Portugal Artificial Intelligence: Historical Aspects, Modern Applications and Implications | Room 2 https://us02web.zoom.us/j/86480570279 Meeting ID: 864 8057 0279 |
| 10:15 | <i>Short Break whilst Conference splits into streams</i> | |
| | Room 1 Stream A: Security and the Labour Market Chair: Juha Mattila | Room 2 Stream B: Robots and Public Administration Chair: Eduardo Tome |
| 10:30 | Ethical Challenges on Collecting and Analyzing Biometrical Data Pereira Anabela , Iscte, Instituto Universitário de Lisboa, Lisboa, Portugal | Introducing the Concept of Digital-Agent Signatures for Human-Robot-Robot-Human Interaction Pfeiffer Alexander , Massachusetts Institute of Technology (MIT), Cambridge, MA, USA, Mark Bugeja , University of Malta, Stephen Bezzina , Ministry of Education, Malta, Simone Kriglstein , Austrian Institute of Technology (AIT), Thomas Wernbacher , Donau Universität Krems, Austria and Alesja Serada , University of Vaasa, Finland |
| 11:00 | Eliciting Personal Attitude Changes on Predictive Policing based on a Multi-Linear Narrative Brunner Manuel , Elke Brucker-Kley and Thomas Keller , ZHAW, Switzerland | Robotic Process Automation as a Change Agent for Business Processes: Experiences and Expectations Saukkonen Juha , Kirsi Kemell , Maija Haaranen and Erica Svärd , JAMK University of Applied Sciences, Jyväskylä, Finland |
| 11:30 | How Artificial Intelligence Affects the Labor market in Poland Kopot Katarzyna , The John Paul II Catholic University of Lublin, Poland (PhD Research) | User-Centered AI in Public Administration Etscheid Jan , Zeppelin University, Friedrichshafen, Germany |
| 12:00 | <i>Break</i> | <i>Break</i> |
| | Room 1 Stream A: Mini Track on Ethical Assurance of Autonomous & Intelligent Systems (AI) Chair: A G Hessami | Room 2 Stream B: Cognition Chair: Alexander Pfeiffer |
| 12:45 | Blockchain, Facebook and a polygraph Vieira Paulo , Paul Crocker , University of Beira Interior, Portugal and Caroline Stockman , University of Winchester, UK | Explainability is not Enough: Requirements for Human-AI-Partnership in Complex Socio-Technical Systems Waeffler Toni , University of Applied Sciences and Arts Northwestern Switzerland (FHNW), Olten, Switzerland and Ute Schmid , University of Bamberg, Germany |
| 13:15 | AI and The Environment: Ethical and Anticipated Ethical Issues Wilson Richard , Towson University, Towson, USA (Presentation Only) | Artificial Intelligence Supported Cognitive Behavioral Therapy for Treatment of Speech Anxiety in Virtual Reality Environments Åhs Fredrik , Peter Mozelius and Felix Dobslaw , Mid Sweden University, Sweden |
| 13:45 | <i>Break</i> | <i>Break</i> |
| 14:00 | <i>Is Elon Musk right? With artificial intelligence are we summoning the Demon?</i> <i>A Discussion led by Dan Remenyi with Ali Hessami, Eduardo Tome and Caroline Stockman</i> | |
| | Room 1 Stream A: AI Issues Chair: | Room 2 Stream B: Legal issues and Covid-19 Chair: |
| 15:00 | Creation of Artificial Bureaucrats Bullock Justin , Texas A&M University, and Kyoung-Cheol Kim , University of Georgia, USA | Can a computer lie? Attributing legal responsibility to AI. Castro Paulo , Center for Philosophy of Sciences of the University of Lisbon (CFCUL), Lisbon, Portugal (Presentation Only) |
| 15:30 | On Handling Ethical Dilemmas in Artificial Intelligence Systems Chen Jim , U.S. National Defense University, Washington D.C., USA | "Like 9/11 on steroids": AI in the age of Coronavirus Scott Keith , De Montfort University, Leicester, UK |
| 16:00 | IEEE P7010™ Standard: Use Cases in Ethical Impact on Human Wellbeing Studies Edwards Alice , The CEO Within, LLC, North Las Vegas, USA | An Artificial Intelligence System's Application focused on the Covid-19 Pandemic: Results, impacts and human capital management strategies Pocho Claudia , Ricardo Marques , Furnas Centrais Elétricas S.A., Rio de Janeiro, Brasil and Florinda Mattos , Instituto Universitário de Lisboa, Portugal (Non-academic, presentation only) |
| 16:30 | <i>Networking in Small Groups to Catch up with Colleagues and build New Connections for Future Collaboration</i> | |
| 17:00 | <i>Close of Conference Day</i> | <i>Close of Conference Day</i> |

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| | Friday 23 October | |
| 09:00 | Room 1 Opening Messages | |
| 09:05 | Keynote presentation: Prof. Jean-Gabriel Ganascia, Université Pierre et Marie Curie (UPMC) and a member of the Institut Universitaire de France Why do we need ethics and not just regulation in AI and robotics? | |
| 09:50 | Break | |
| | Room 1 Stream A: Digitalization Chair: Isabel Salavisa | Room 2 Stream B: Malicious Use of Artificial Intelligence: New Challenges for Democratic Institutions and Political Stability Chair: Evgeny N. Pashentsev |
| 10:00 | Relevant Distinctions in Relation to Explainability in the Public Sector Motzfeldt Hanne Marie , Copenhagen University and Ayo Naesborg-Andersen , University of Southern Denmark, Odense, Denmark | Deepfakes as the New Challenge for National and International Psychological Security Pantsev Konstantin, Saint-Petersburg State University, Saint-Petersburg, Russia |
| 10:30 | Using Text Mining to Analyse Digital Transformation Impact on People Matos Florinda, Instituto Universitário de Lisboa (ISCTE-IUL), Valter Vairinhos and Ana Josefa Matos , ICLab - ICAA - Intellectual Capital Association, Santarem Portugal | Politics of Technology or Technology of Politics? Scalia Vincenzo and Caroline Stockman , University of Winchester, UK |
| 11:00 | Working time and digital transition: a complex and ambiguous relationship Rebello Glória, Eduardo Simões , Isabel Salavisa , DINÂMIA'CET-Iscte; Universitário de Lisboaersitário de Lisboa, Portugal | Malicious Use of Deepfakes and Political Stability Pashentsev Evgeny, Diplomatic Academy at the Ministry of Foreign Affairs of the Russian Federation, Moscow, Russian Federation |
| 11:30 | The impact of Digitalization on the Importance of Intangibles for the Competitive Success in Medium-Sized Companies Döring Helmut, University of Cooperative Education, Darmstadt, Germany | The Threat of Using Advanced Technologies by Terrorists: Psychological Aspect Bazarkina Darya, Russian Presidential Academy of National Economy and Public Administration, Moscow, Russian Federation |
| 12:00 | Break | |
| | Room 1 Stream A: Poster Session Chair: | Room 2 Stream B: Malicious Use of Artificial Intelligence and Robotics Chair: Evgeny N. Pashentsev |
| 13:00 | Figure follow: a step by step liberating device Cavaleiro Rodrigues José, ESCS/IPL, Lisboa, Portugal and Catarina Silva, IPL, Portugal Networks of Human and Non-Human Agents on Blockchain: A Philosophical Approach Pfeiffer Alexander, Massachusetts Institute of Technology (MIT), Cambridge, MA, USA & Alesja Serada is from the University of Vaasa, Finland | Artificial Intelligence, Autonomous Lethal Weapons and The U. S. Third Offset Strategy: Ethical Issues Wilson Richard, Towson University, Towson, USA (Presentation Only) |
| 13:30 | Piloting a Novel Method for Improving the Accuracy and Speed of Statistical Data Analysis and Reporting with Artificial Intelligence Edwards Alice, The CEO Within, LLC, North Las Vegas, United States Human Rights, Employee Rights and Copyrights – parallels of AI enablers and obstacles across occupations Juha Saukkonen, Kirill Anton, Nikita Karpov, William Lahti/JAMK University of Applied Sciences, Jyväskylä, Finland | Forewarned is Forearmed and Other Risk Scenarios Polunina Olga, Russian State University, Moscow, Russia |
| 14:00 | AI and related emerging technologies –addressing capability needs at work via multi-level education Juha Saukkonen, Mika Rantonen/JAMK University of Applied Sciences, Jyväskylä, Finland | Robotics and Artificial Intelligence (R&AI) Perceptions of Consumers and Producers: An International Comparison among Portugal and Spain Tomé Eduardo, Pedro Soares de Mello , Universidade Europeia, Lisbon, Portugal and Olga Rivera Hernaez , Deusto University Bilbao, David Lopez , Lopez Esade Business School, Barcelona, Spain |
| 14:30 | Mediated lives: digital technologies and the body Pereira Anabela, Iscte, Instituto Universitário de Lisboa, Lisboa, Portugal Artificial Intelligence, Face Recognition, and Privacy Wilson Richard, Towson University, Baltimore, USA | Cultural challenges of the Malicious Use of Artificial Intelligence in Latin American regional balance Batista Rayner, Héctor González , Vladimir Milián , Universidad de las Ciencias Informáticas, Cuba and Oscar Villar , Gzhel State University, Russia Federation |
| 15:00 | Summary and Close of the Conference | |
| | Poster Only | Invited Posters |
| | Artificial Intelligence, Face Recognition, and Privacy Wilson Richard, Towson University, Baltimore, USA | Mediated lives: digital technologies and the body Pereira Anabela, Iscte, Instituto Universitário de Lisboa, Lisboa, Portugal |
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| | | Human Rights, Employee Rights and Copyrights – parallels of AI enablers and obstacles across occupations Juha Saukkonen, Kirill Anton, Nikita Karpov, William Lahti/JAMK University of Applied Sciences, Jyväskylä, Finland |
| | | AI and related emerging technologies –addressing capability needs at work via multi-level education Juha Saukkonen, Mika Rantonen/JAMK University of Applied Sciences, Jyväskylä, Finland |
| | | Networks of Human and Non-Human Agents on Blockchain: A Philosophical Approach Pfeiffer Alexander, Massachusetts Institute of Technology (MIT), Cambridge, MA, USA & Alesja Serada is from the University of Vaasa, Finland |