

# EMERGE 2024

## ETHICS OF AI ALIGNMENT

December 11–13, Belgrade  
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### DAY ZERO, 11 Dec 2024

	4th Floor	6th Floor
9:30–10:00	COFFEE & REGISTRATION	
10:00–11:15	<b>Session 1: Democracy &amp; AI: Alignment, Trust, Polarization</b> Chair: Čedomir Markov  1. Aleksandra Krstić & Marko Nedeljković – Ethical Considerations of AI in Journalism: The Perspective of Journalism Students 2. Andrija Šoć – AI Alignment in Times of Polarization (online) 3. Calogero Caltagirone, Antonio Estella, Livio Fenga, Federica Russo, Dolores Sanchez & Angelo Tumminelli – Human Trust and Artificial Intelligence: Is an Alignment Possible? (online) 4. Uroš Sergaš & Jar Žiga Marušič – Solving the Problem of Diagonalization (online)	
11:15–11:30	BREAK	
11:30–12:45	<b>Session 2A: Education &amp; AI: Accessibility and Knowledge Transformation</b> Chair: Ana Lipij  1. Daliborka Vukasović & Natalija Budinski – Ethical Aspects of Knowledge Transformation in Education Through the Application of Artificial Intelligence 2. Danijela Savaya & Jessica R. El-Khoury – The Role of Artificial Intelligence (AI) as Supplementary Tool for Sexual Education in Serbia: Enhancing Learning Experiences and Accessibility 3. Miloš Račić – The Beijing Dissensus: Can There Really Be International Alignment on AI and Education? 4. Mariela Destéfano – A Holistic AI Curriculum for Young Learners (online) 5. Mariia Laktionkina – Ethical Use of AI Tools in Writing-Based Learning Methods: Challenges and Opportunities (online)	<b>Session 2B: Art &amp; AI: Visual Expression, Irreproducibility, Cultural Values</b> Chair: Jelena Guga  1. Divna Vuksanović – Philosophy of Media: Film and Artificial Intelligence 2. Nada Pavlica – AI-Driven Art: Visual Communication Redefined 3. Catarina Liza Pereira, Domingos Loureiro & Diana Costa – AI's Impact on Art and Mural Painting as a Strategy for Irreproducibility (online) 4. Jovana Tošić – Posthuman Aesthetics and AI-Generated Architectural Design: Socio-Cultural Values
12:45–13:45	LUNCH BREAK	
13:45–15:00	<b>Session 3A: AI &amp; Education: Skills, Literacy, Libraries</b> Chair: Mirjana Nećak Gavrilović  1. Dragana Milunović – Library, Librarian and Robot - "Megdan: Between Water and Fire" 2. Suleiman Yusuf – Perceived Opportunities and Risks Of Implementing Data Encryption In AI- Powered Chabot For Enhancing Student Support Service In Nigerian Universities 3. Inesa Stolper – Developing Critical AI Literacy Skills for Ethical and Responsible Use of AI (online) 4. Dragana D. Jovanović – Libraries in the Age of AI: Challenges and Possibilities 5. Marija Rakić Šaranac & Jasmina Marković – Can We Do It Alone? The Challenge of Reskilling Librarians in AI, Copyright, and Marketing	<b>Session 3B: AI &amp; Society: Freedom of Expression, Literacy, Trust</b> Chair: Tijana Uzelac  1. Aayush Bhardwaj & Heena Parveen – Navigating the Digital Frontier: AI's Role in Censorship and Surveillance Threats to Freedom of Expression (online) 2. Ivana Stojanović Prelević – Artificial Intelligence in the Context of Global Media Ethics 3. Marija Antonijević & Iva Medojević – Attitudes of Serbian Youth Toward the Use of Artificial Intelligence for Educational Purposes: Competence, Trust, and Privacy Concerns 4. Umma Maimuna Alam – Potentiality of GenAI: Application of Generative Artificial Intelligence in Academic Writing in Liberal Arts
15:00–15:15	BREAK	
15:15–16:30	<b>Session 4A: Imagination &amp; AI: Memory, Narratives, Bias</b> Chair: Jelena Novaković  1. Federica Porcheddu – Objective - "Objective" Artificial Readings of Memory (online) 2. Dragan Jerosimović – Artificial Intelligence Techniques for Interactive Narrative Simulations 3. Doroteya Belcheva – The Creative Machines: Evolving Aesthetics or Diminishing Artistic Uniqueness? 4. Janie Brisson – Anthropomorphic Bias, Risks of Human/AI Interactions and the Limits of AI literacy (online)	<b>Session 4B: AI Ethics: Values, Morality, Trustworthiness</b> Chair: Željko Radinković  1. Yifan Li – Artificial Intelligence, Value Alignment, and Moral Objectivism (online) 2. Auke Montessori – Alien AI and Alignment (online) 3. Eryn Rigley, Adriane Chapman, Will McNeil & Christine Evers – Can We Do Better: A Critique of Human-Centred Value Alignment (online) 4. Mahesh Vajjithyala Krishnamoorthy – Meta-Sealing: A Revolutionizing Integrity Assurance Framework for Transparent, Tamper-Proof, and Trustworthy AI System (online)
16:30–16:45	BREAK	
16:45–18:00	<b>Session 5A: AI &amp; Democracy: Politics, Power, Values</b> Chair: Igor Ispanović  1. Dmitrii Trubnikov – AI and the Future of Capitalism: Revisiting the Socialist Calculation Debate 2. Sadia Tabassum – The Evolving Landscape of Artificial Intelligence (AI) Regulations in the United States: A Critical Legal Analysis 3. Katarina Šmakić – Democracy Values Threatened by Capitological Tools	<b>Session 5B: AI Ethics: Agency &amp; Normativity</b> Chair: Zoran Erić  1. Krzysztof Sotoducha & Karol Narożniak – Multi-Agent Simulation of Hybrid AI Ethics and the Problem of Hidden Normativity (online) 2. Keith Begley – Underdetermination in Machine Learning (online) 3. Mikhail Bukhtoyarov & Anna Bukhtoyarova – A Hypothesis of Pragmatically Moral Superintelligence

### DAY ONE, 12 Dec 2024

	4th Floor	6th Floor
8:30–09:00	COFFEE & REGISTRATION	
09:00–09:15	OPENING WORDS	
09:15–10:00	<b>Plenary 1: Henrik Carlsen, Stockholm Environment Institute Headquarters (SE)</b> "Can large language models enhance our ability to construct long-term future scenarios for environmental science and policy?" <b>Plenary 2: Stefan Lorenz Sorgner, John Cabot University (IT)</b> "AI, Art, and Creativity"  Chair: Zoran Erić	
10:00–10:15	BREAK	
10:15–11:30	<b>Session 1A: AI Ethics, Environmental Technology, and More-Than-Human Ecologies</b> Chair: Andrija Filipović  1. Abootaleb Safdari – The Emergence of Trust in Human-Otheroid Interactions through Empathy 2. Ljupcho Stojkovski – Technological Optimism and its Discontents: Why the AI Hype Around Climate Change is More Harmful than Useful for Global Climate Action? 3. Stefan Aleksić & Slobodan Bubnjević – Nuclear Powered, Luxury Data Capitalism: Will Robots Control Energy in the Future? 4. Max Talanov – The Ineffectiveness of Modern AI Approaches and NNs and Their Impacts (online) 5. Silvia Dadà – Taking Care of Digital Environments. Towards an Ecology of AI (online)	<b>Session 1B: Education &amp; AI: Changes and Competencies</b> Chair: Ana Lipij  1. Ernest Ženko – Changing a Tire on a Moving Car: The Challenge of AI Alignment in Education 2. Tamara Kamatović – AI for a Liberatory and Transformative Pedagogy 3. Nasreen Watson – Critiquing Cross-Cultural Ethics in Artificial Intelligence In Education (AIED) (online) 4. Andrea Berber & Jelena Mijić – Epistemic Education for an AI-Driven World
11:30–11:45	BREAK	
11:45–12:30	<b>Plenary 3: Bruno Daniel Ferreira da Costa, University Beira Interior (PT)</b> "Democracy and the challenges of the digital and technological revolution" <b>Plenary 4: Yashar Deldjoo, Polytechnic University of Bari (IT) (online)</b>  Chair: Čedomir Markov	
12:30–13:30	LUNCH BREAK	
13:30–14:45	<b>Session 2A: AI &amp; Democracy: Governance, Journalism, Accountability</b> Chair: Čedomir Markov  1. Alois Paulin – Informatisation vs. Digitalisation – Different Approaches to Governance Transformation 2. Elizabeth Calderón Lüning & Max Stearns – Toward Democracy-in-the-Loop Technologies or Transparent and Accountable AI Systems (online) 3. Maria Zanzotto – Generative AI, Political Communication, and Democracy: Does Generative AI Pose a Significantly Different Risk than Standard AI on Democracy? 4. Tatjana Milić – AI and Global Democracy: Signals from Global Debate	<b>Session 2B: Fairness &amp; AI: Autonomy, Transparency, Trust</b> Chair: Zorica Dodevska  1. Andrei Nutas – Ethics Washing and the Value Measurement Problem in AI Alignment 2. Valentin Noël – Ethics in AI: A Bayesian Framework for Transparency and Accountability (online) 3. Miloš Agatonović – Robot Autonomy and Responsibility 4. Oleslav Antamoshkin – Automated Action Classification and Threat Prediction in Video Streams
14:45–15:00	BREAK	
15:00–15:45	<b>KEYNOTE: Marko Grobelnik, Jožef Stefan Institute (SI)</b> "Anatomy of the (OECD) AI Definition"  Chair: Ljubiša Bojić	
15:45–16:00	BREAK	
16:00–16:45	<b>Plenary 5: Joanna Zylińska, King's College London (UK)</b> "After AI Art" <b>Plenary 6: Mustafa Ali, Open University (UK)</b> "From AI and Religion to AI as Political Theology"  Chair: Vera Mevorah	
16:45–17:00	BREAK	
17:00–18:15	<b>Session 3A: Art &amp; AI: Creativity and Agency</b> Chair: Jelena Guga  1. Jelena Glišić Matović – Artistic Agency and Artificial Intelligence: A Challenge for Cultural Policy 2. Luka Bešlić – AI and Creativity: Art in the Age of Bourriaud's Postproduction 3. Ana Čemalović – Art as a Machine in the Context of Artificial Intelligence: Ethico-Aesthetical Perspective 4. Taha Berke Coruh – Digitalization, Artificial Intelligence & Musician Creativity	<b>Session 3B: Well-Being &amp; AI: Religion, Health, Emotions</b> Chair: Dragana Stojanović  1. Jonathan Pengelly – Examining Religious Faith from the Machine Perspective 2. Petar Stevanović – Digital Resurrection: Ethical and Religious Implications of Postmortem Avatars 3. Alexandra Prigent – Emotional Quantification and Philosophical Thinking: Understanding Ourselves Better with Emotion Recognition Technology (online) 4. Vladimir Otašević, Jelena Lazić, Nikola Janković & Milan Jovanović – AI Applications and Ethical Considerations: A Cross-Field Analysis of Recent Trends in Engineering, Natural Sciences, Language Sciences, and Medicine