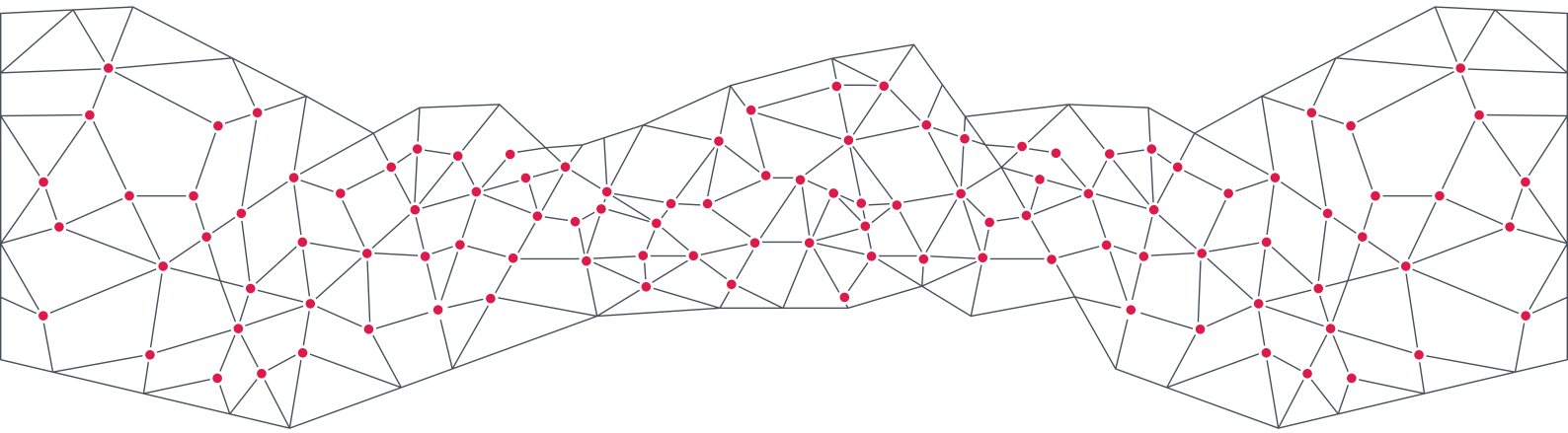


INTERNATIONAL SCIENTIFIC CONFERENCE

EMERGE 2022

DIGITAL SOCIETY NOW



INSTITUT
ZA FILOZOFIJU
I DRUŠTVENU
TEORIJU

DIGITAL SOCIETY NOW

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Digital Society Now
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Universität Wien

CONTENTS

Conference vision	6
Organizing and scientific committees	9
Cyber order	12
Journalism and digital democracy	14
Users and emerging technologies	16
AI technology	18
Posthumanism	20
Techno-narratives	22
Creativity in digital society	24
Societal impact of blockchain	24

Digital Society Now

Emerging technologies have brought about ground-breaking changes to societies across the globe. Leading global regulators are struggling to keep up with technological development and impose new rules and regulations. Our choices and habits, personal freedoms, human rights, and power relations are being fundamentally transformed through our constant interaction with and reliance on technology. The development of autonomous vehicles, military drones, and other types of AI systems opens up significant questions in the domains of ethics and law.

In interacting with media such as news content, ads, and search engine results, citizens are exposed to algorithmic decisions by AI-based recommendation systems on an individual level and are subjected to echo chambers, misinformation, and personal data misuse by big tech and third parties. Freedom of speech and regulation of social media have been the battlefields of leading global tech corporations.

New markets are constantly being opened by the creative industry sector propelled by the evolution of digital technologies. This has become a sector of strategic importance. New apps are being developed on multiple platforms, offering additional functionalities and transforming the needs and habits of digital consumers. The fusion of creativity, art, advertising, and start-up culture has become a driving force of creative economy growth across the world.

Immersive virtual spaces are being introduced under the umbrella term Metaverse designated as an open and shared sum of all virtual reality spaces (worlds). The shift to the virtual realm has been significantly accelerated by the COVID-19 pandemic, climate change, and military conflicts around the world. Major corporations are investing billions to create a new market that will transport our daily activities, such as shopping, work, leisure, entertainment, and socialization, into the virtual realm.

Beyond its use in cryptocurrencies, blockchain technology has promising potential in handling misinformation and fake news and therefore could serve the purpose of regaining trust in online news media. At the same time, blockchain technology has a very significant environmental impact, it is vulnerable to cyberattacks, and any information stored on it (including, for example, child pornography) cannot be corrected or erased.

The fast pace of technological development is followed by the development of posthumanist concepts, shedding light on implants, cognitive enhancement, bio-hacking, and other emergent technologies. EMERGE 2022 seeks both specific and broad perspectives on current technological advancements. As Nick Montfort wrote in his exploration of the concept of the future, our goal should be consciously trying to contribute to future-making rather than anticipating and predicting the future.

The conference is part of the EMERGE an annual event organised by the Digital Society Lab of the Institute for Philosophy and Social Theory, University of Belgrade. Its goal is to connect actors from the tech industry, policy makers, and academic researchers in discussing the social and economic impact of emerging technologies. EMERGE 2022 consists of the EMERGE Forum on The Future of AI driven Humanity and the International Scientific Conference on Digital Society Now taking place in Belgrade, Serbia and online, 16–18 December 2022.

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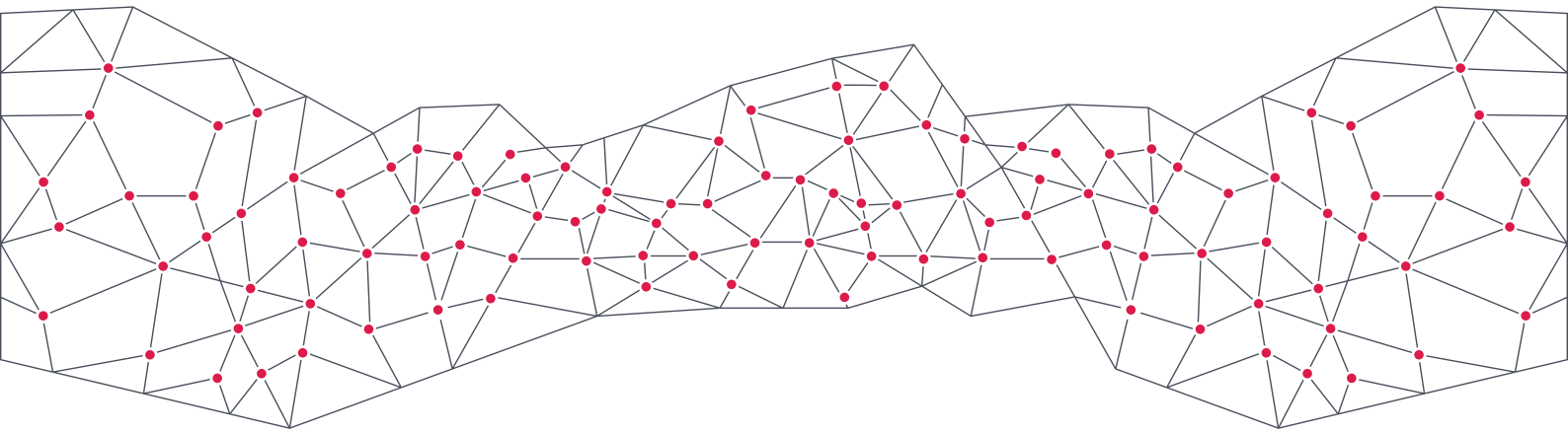
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CYBER ORDER



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