



# III International Conference Tangible and Intangible Impact of Information and Communication in the Digital Age



17–18 June 2021  
Khanty-Mansiysk, Russian Federation



Government of the Khanty-Mansi Autonomous Area – Ugra  
Commission of the Russian Federation for UNESCO  
UNESCO / UNESCO Information for All Programme  
UNESCO Institute for Information Technologies in Education  
Russian Committee of the UNESCO Information for All Programme  
Interregional Library Cooperation Centre

**THIRD INTERNATIONAL CONFERENCE  
TANGIBLE AND INTANGIBLE IMPACT  
OF INFORMATION AND COMMUNICATION  
IN THE DIGITAL AGE**

In the framework of the UNESCO Information  
for All Programme  
and XII International IT Forum

Khanty-Mansiysk, Russian Federation  
17–18 June, 2021

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## **ORGANIZERS**

Government of the Khanty-Mansi Autonomous Area – Ugra  
Commission of the Russian Federation for UNESCO  
UNESCO / UNESCO Information for All Programme  
UNESCO Institute for Information Technologies in Education  
Russian Committee of the UNESCO Information for All Programme  
Interregional Library Cooperation Centre

## **ACADEMIC SUPPORT**

International Institute for Central Asian Studies

## **INFORMATION SUPPORT**

Universitetskaya Kniga (University Book) Magazine  
Sovremennaya Biblioteka (Modern Library) Magazine  
Knizhnaya Industriya (Book Industry) Magazine  
Ugra Television and Radio Broadcasting Company  
Ugra News Publishing House  
Moskovsky Komsomolets – Ugra Newspaper  
Eurocontinent International Association  
Istituto di Studi Politici, Economici e Sociali (EURISPES, Rome)

**Working languages** – Russian and English (simultaneous interpretation)

Draft programme and list of participants are presented as of 10 June 2021  
and might undergo further changes

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## **UNESCO INFORMATION FOR ALL PROGRAMME (IFAP)**

IFAP was established in 2001 as a flagship intergovernmental UNESCO programme for the purpose of assisting Member States in formulating and implementing balanced national policies of building inclusive knowledge societies. IFAP is based on inter-disciplinary, cross-sectoral and integrated approaches. IFAP priorities are information preservation, information accessibility, information literacy, information ethics, information for development and multilingualism in cyberspace.

**<http://www.unesco.org/new/en/communication-and-information/intergovernmental-programmes/information-for-all-programme-ifap/>**

## **UNESCO INSTITUTE FOR INFORMATION TECHNOLOGIES IN EDUCATION**

UNESCO Institute for Information Technologies in Education (UNESCO IITE) is located in Moscow, Russia. It was established as an integral part of UNESCO by the General Conference of UNESCO at its 29th session in 1997. UNESCO IITE is supported by the UNESCO Headquarters and its host country – the Russian Federation.

UNESCO IITE's activity is focused on achieving the Sustainable Development Goal in Education – ensuring inclusive and equitable quality education and lifelong learning for all – by promoting the development and implementation of national policies and the use of ICT in education programmes.

Mission of UNESCO IITE is to serve as a centre of excellence and provider of technical support and expertise in the area of ICT usage in education. The Institute is the only UNESCO entity specialized in the field of ICT in education and has accumulated a huge resource potential in this area.

**<https://iite.unesco.org/>**

## **RUSSIAN COMMITTEE OF THE UNESCO INFORMATION FOR ALL PROGRAMME**

Russian IFAP Committee was established in 2000 under the Commission of the Russian Federation for UNESCO and the Ministry of Culture of the Russian Federation in compliance with recommendations of the Intergovernmental Council for the Information for All Programme to link it with Russia. The Committee provides assistance in implementing the Programme's ideas, goals, concepts and priority lines of actions at both national and international levels. Russian IFAP Committee members represent government agencies, educational,

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research, cultural and communication establishments, non-governmental organizations and private sector. The Committee contributes to the work of UNESCO and IFAP constitutional organs, promotes UNESCO information and communication policy in Russia and other CIS countries, ensures information exchanges with national and international agencies in other countries, and provides access to Russian-language information about global trends in building knowledge societies and UNESCO activities.

Russian IFAP Committee participates in the advancement of national and international policies and legislation in the fields of culture, education, communication and information for the purpose of building inclusive knowledge societies. It contributes to the preparation of analytic reports and elaboration of practical guidelines, to the establishment of the best practice centres and to the improvement of activities of various institutions within its competence.

**[www.ifapcom.ru/en](http://www.ifapcom.ru/en)**

### **INTERREGIONAL LIBRARY COOPERATION CENTRE**

Moscow based NGO Interregional Library Cooperation Centre (ILCC), established in 1995, is the working body of the Russian Committee of the UNESCO Information for All Programme. In addition to contributing to the IFAP implementation, ILCC participates in (a) drafting and implementing in Russia the governmental library policy and national programmes aimed to preserve library collections; (b) developing All-Russian public centres of legal and other socially meaningful information; (c) reading promotion; (d) advancing professional library training and (e) developing multilingualism in cyberspace. On a regular basis, ILCC drafts, publishes and disseminates information and methodological materials on the development of librarianship, culture and information policy.

**[www.mcbs.ru](http://www.mcbs.ru)**

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## CONFERENCE ORGANIZING COMMITTEE

### *Co-Chairs*

**Alexei ZABOZLAEV**, Deputy Governor of the Khanty-Mansi Autonomous Area – Ugra (Russian Federation)

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

### *Members*

**Marina ABRAMOVA**, Director, RosCultCentre (Russian Cultural Centre) Federal Government Agency; Director, Russian Creative Week Festival Forum (Russian Federation)

**Gyldyz BAKASHOVA**, Director, National Library of Kyrgyzstan (Kyrgyzstan)

**Sergey BAKEYKIN**, Executive Director, Interregional Library Cooperation Centre; Deputy Chair, Russian Committee of the UNESCO Information for All Programme (Russian Federation)

**Coetzee BESTER**, Director, African Centre of Excellence for Information Ethics, University of Pretoria; Chair, UNESCO IFAP Committee in South Africa; Director, National Institute for the Deaf in South Africa; Former Member of Parliament in South Africa; Member, Post-Apartheid Constitution Writing Chamber (South African Republic)

**Elena BEYLINA**, Editor-in-Chief, Universitetskaya Kniga (University Book) Magazine (Russian Federation)

**Susana FINQUELIEVICH**, Principal Researcher, National Council of Scientific and Technological Research (CONICET); Director of the Research Programme on Information Societies, Instituto de Investigaciones Gino Germani, University of Buenos Aires (Argentina)

**Dorothy GORDON**, Chair, Intergovernmental Council, UNESCO Information for All Programme (IFAP); Chair, UNESCO/IFAP Working Group for Media and Information Literacy; Governing Board Member, UNESCO Institute for Information Technologies in Education (Ghana)

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**Shafika HADDAD**, Deputy Permanent Delegate of Grenada to UNESCO, Former Chair, Intergovernmental Council, UNESCO Information for All Programme (Grenada)

**Alisher IKRAMOV**, Director for Development of International Cooperation, International Institute for Central Asian Studies (Uzbekistan)

**Prabhakar Rao JANDHYALA**, Director, India Centre of Excellence for Information Ethics & Centre for Applied Linguistics and Translation Studies, University of Hyderabad (India)

**Lyubov KAZACHENKOVA**, Editor-in-Chief, Sovremennaya Biblioteka (Modern Library) magazine (Russian Federation)

**Galina MIKHAILOVA**, Deputy Director, Department of Information and Communication Technology of the Khanty-Mansi Autonomous Area – Ugra (Russian Federation)

**Gilvan MULLER DE OLIVEIRA**, Professor, Federal University of Santa Catarina; Head, UNESCO Chair Language Policies for Multilingualism (Brazil)

**Adama SAMASSEKOU**, Founding Executive Secretary, AU/ACALAN (African Academy of Languages); President, MAAYA World Network for Linguistic Diversity; President, World Humanities Conference; President, WSIS Preparatory Committee for the Geneva Phase; Former Minister of Education of Mali (Mali)

**Elena SHUMAKOVA**, Director, Department for Public and External Relations of the Khanty-Mansi Autonomous Area – Ugra (Russian Federation)

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## CONFERENCE PROGRAMME COMMITTEE

### *Chair*

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

### *Members*

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**Darya BAZARKINA**, Professor, Russian Presidential Academy of National Economy and Public Administration; Senior Researcher, Saint Petersburg State University (Russian Federation)

**Rachel FISCHER**, Co-Chair, International Centre for Information Ethics, University of Pretoria (South African Republic)

**Tatiana MUROVANA**, Programme Specialist, UNESCO Institute for Information Technologies in Education (UNESCO)

**Anastasia PARSHAKOVA**, Deputy Director, Interregional Library Cooperation Centre; Project Coordinator, Russian Committee of the UNESCO Information for All Programme (Russian Federation)

**Daniel PIMIENTA**, Head, Observatory of Linguistic and Cultural Diversity on the Internet (Dominican Republic)

**Siva Prasad RAMBHATLA**, Honorary Professor, Centre for Digital Learning, Training and Resources, University of Hyderabad (India)

**Alfredo RONCHI**, Secretary, EC MEDICI Framework of Cooperation; Professor, Politecnico di Milano (Italy)

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## CONFERENCE WORKING GROUP

### *Chair*

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

### *Members*

**Sergey BAKEYKIN**, Executive Director, Interregional Library Cooperation Centre; Deputy Chair, Russian Committee of the UNESCO Information for All Programme (Russian Federation)

**Vasuki BELAVADI**, Director, Centre for Digital Learning, Training and Resources, University of Hyderabad (India)

**Ulises GIROLIMO**, Postdoctoral Researcher, National Council of Scientific and Technological Research (CONICET); Researcher, Research Programme on Information Societies, Instituto de Investigaciones Gino Germani, University of Buenos Aires (Argentina)

**Anuradha KANNIGANTI**, Lecturer, French National Institute of Oriental Languages and Civilizations (France)

**Erin KLAZAR**, Head of Research and Analysis, OUTA; Consultant, African Centre of Excellence for Information Ethics (South African Republic)

**Galina MIKHAILOVA**, Deputy Director, Department of Information and Communication Technologies of the Khanty-Mansi Autonomous Area – Ugra (Russian Federation)

**Tatiana MUROVANA**, Programme Specialist, UNESCO Institute for Information Technologies in Education (UNESCO)

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**Ekaterina REKHMETOVA**, Head, Division of International Relations, Department for Public and External Relations of the Khanty-Mansi Autonomous Area – Ugra (Russian Federation)

**Chynara SATYLVANOVA**, Coordinator, Agha-Khan Foundation (Kyrgyzstan)

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## BACKGROUND

Two international conferences on Tangible and Intangible Impact of Information and Communication in the Digital Age were successfully held in Khanty-Mansiysk, Russia, in 2018 and 2019 with the support of the Russian Government and UNESCO within the framework of the UNESCO Information for All Intergovernmental Programme. Conference debates resulted in the adoption of two final documents – the Ugra Declaration on Information and Communication in the Digital Age (2018) and the Ugra Resolution on Information and Communication in the Digital Age.

The analysis of current processes and phenomena which are described by various professional communities brought the participants of both conferences – scientists, politicians, public figures and media specialists from over 50 countries – to the conclusion that:

- 1) Rapid and persistent changes in the information and communication field have become one of the most vivid and comprehensive features of the modern era;
- 2) The development of artificial intelligence and machine learning, big data analytics and cloud computing, embedded systems and devices, the Internet of things, augmented and virtual reality, blockchain, etc. fosters the shift towards a new technological paradigm;
- 3) Dynamic technological change and the new opportunities it offers are accompanied by the exacerbation of the existing and the emergence of new political, economic and social problems;
- 4) The approaching future brings both positive expectations of scientific and technological progress and distinctly perceived threats.

The following socio-cultural problems are among the most noticeable:

- Oversupply of information, resulting in its devaluation and loss of trust to professional media;
- Monopolization in the field of communication, information and digital technologies;
- The transformation of the Internet from a space for free exchange of ideas into a tool for supervision and management, with Internet companies turning into digital giants, moving from digital platforms to digital ecosystems and annexing not only cyberspace, but also real sector industries;

- Enhancement of universal connectivity and human inclusion in cyber-physical systems;
- A massive decrease in the level of critical thinking and the emergence of waves of information epidemics of national and global levels;
- Post-truth in its heyday, with public perception shaped more by means of addressing feelings and personal opinion rather than actual facts, with fakes, clickbaits, hypes and other tools introduced to form post-reality in the political and media culture;
- Changing the system of values – with the new normal, new ethics putting personal free will and freedom of choice under question;
- Traditional cultural regulators of social relations and processes being displaced by automated social algorithms;
- Blurring the borders between the real and the digital world, wide spread of simplified virtual mockups and simulacra;
- Mass collection of data for managing people's behavior, formation of an appropriate economic imperative to direct the development for business, society and states;
- Increasing the level of conflict in society (between individuals and groups) and between states.

It is emphasized that due to the extremely high rate of changes the society does not have time to interpret and thoroughly understand them, nor to respond progressively. Most studies focus on the receding reality; those trying to describe and analyse the current state-of-the-art and to forecast possible development lines and their consequences follow out-of-date models and approaches.

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## CONFERENCE GOALS AND OBJECTIVES

In this context, the Third International Conference on Tangible and Intangible Impact of Information and Communication in the Digital Age is aimed at further investigating the following phenomena at a new level:

- Global, regional and local socio-cultural transformations fueled by the development of artificial intelligence and machine learning, big data analytics and cloud computing, embedded systems and devices, the Internet of things, augmented and virtual reality, blockchain, etc.;
- The impact of changes in the field of information and communication on states and societies, pivotal infrastructure assets, public institutions, on the social structure and stratification, on individuals and specific communities, on the structure and nature of employment, specifically in the field of creative industries, on public consciousness and other structural and functional characteristics of modern societies;
- socio-cultural and political consequences of the oversupply of information, devaluation and discredit of professional media, replacement of traditional cultural regulators of public relations and processes by automated “social algorithms”, blurring the boundaries between the real and the digital world, wide spread of simplified virtual mockups and simulacra, introduction of tools for shaping “post-reality” to political and media culture;
- issues of striking a balance between freedom of expression in the digital environment and information and psychological security.

The conference will put a special focus on the following topics and subjects:

1. The emerging model of “surveillance capitalism”
  - The essence of “surveillance capitalism”: towards a targeted change in mass behavior?
  - Asymmetry of knowledge: what do we know and what do “they” know about us? Who (or what) makes the decisions?
  - Monopolies and the state in the context of “surveillance capitalism”: competition or integration?
2. The revolution of values: New interpretation of rights and freedoms
  - The right to personal privacy, privacy of personal and family secrets, privacy of correspondence and telephone conversations – shall we forget those?

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- Do we have the right to choose our future, the individual and collective right to make decisions?
  - Life after the pandemic: the consequences of the global moving online, the emergence of systems of “clean zones” with international exchange of medical information and data on movement and segregation based on such data.

### 3. Digital technologies and society

- Social and psychological dimensions of the impact of digital platforms online and in the real world.
- Denial of consciousness and free will: A fashionable scientific concept or an ideological basis for “surveillance capitalism”?
- New skills and lifestyles: From digital minimalism to new awareness.
- Creative industries and personal self-realization: Are they new forms of innovative economy?

In addition to these and other problems, phenomena and trends that have clearly manifested themselves in the last decade, conference participants are also invited to discuss those processes that are less evident, but might significantly impact the socio-cultural landscape in the nearest future.

The Third Conference will put a greater emphasis on the socio-cultural and philosophical aspects of the impact of AI technologies on humans and society.

#### **The Conference is aimed at:**

- Contributing to the accomplishment of international and national policies in the field of building the information society and knowledge societies and to the development of appropriate recommendations;
- Assisting in reducing the gap between the pace of development in the field of information, communication and related technologies and the ability of science and the society to comprehend the changing reality and thus influence the vector and nature of progress;
- Ensuring the contribution of the Russian Federation and the Khanty-Mansi Autonomous Area – Ugra to the implementation of the UNESCO Intergovernmental Information for All Programme;
- Ensuring the contribution of the Information for All Programme to UNESCO’s activities.

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## **UGRA DECLARATION INFORMATION AND COMMUNICATION IN THE DIGITAL AGE**

### **Final Document of the International Conference “Tangible and Intangible Impact of Information and Communication in the Digital Age”**

Khanty-Mansiysk, Russian Federation, 4–8 June 2018

The International conference “Tangible and Intangible Impact of Information and Communication in the Digital Age” took place in Khanty-Mansiysk, Russian Federation, on 4–8 June 2018, within the framework of UNESCO’s Information for All Programme and the X International IT Forum. It was organized by the Government of the Khanty-Mansi Autonomous Okrug – Ugra, Commission of the Russian Federation for UNESCO, UNESCO / UNESCO Information for All Programme, UNESCO Institute for Information Technologies in Education, Russian Committee of the UNESCO Information for All Programme and Interregional Library Cooperation Centre.

The interdisciplinary conference brought together about 100 participants from 40 countries – academicians and practitioners from the field of ICT and media, as well as philosophers, policy-makers, social scientists, representatives of higher educational institutions and research centres, libraries, public authorities, private sector and civil society institutions.

Conference activities included the following plenary sessions: “Expanding Digital Universe”, “Transformations of Social Communications”, “Openness or Exclusiveness in Cyberspace: Quo Vadis?”, “Digital Present: Expectations and Reality”, as well as a themed discussion “Media and Information Literacy” and two sections: “Culture and Languages in the Digital Age” and “Access to Information: Right and Equity”. A special seminar “Digital Preservation Challenges” was organized as a satellite event.

Conference participants argued on the problems, phenomena and trends of the information and communication field – both those that have come into focus in the last decade and those that are less evident, but might significantly impact the socio-cultural landscape in the nearest future. The conference was aimed to contribute to harmonizing the pace of development in the field of information, communication and related technologies and the ability of science and the society to comprehend the changing reality and thus influence the vector and nature of progress.

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The conference considered modern socio-cultural processes accompanied by the widespread introduction of digital technologies and the digitisation of various spheres of life from the humanistic perspective of the UNESCO intergovernmental Information for All Programme, sharing the commitment to the principles of social justice, inclusion and non-discrimination, and the balance of rights, opportunities and responsibilities.

**Concluding its work, the conference adopted the following Declaration:**

Rapid and constant changes in the information and communication field have become one of the most vivid and comprehensive features of the modern era. These changes are fueled by the penetration of information and communication technologies into all spheres of our life and by nurturing the so-called converging technology generations. The development of e-services (e-Government, e-Education, e-Health, etc.), embedded systems and devices, artificial intelligence and machine learning, the Internet of things, augmented and virtual reality, big data analytics and cloud computing, cryptocurrencies, block-chain, etc., foster the shift towards a new technological paradigm. The future brings both positive expectations of scientific and technological progress and distinctly perceived concerns and challenges, which are described and analysed by various communities – from media specialists to academics and politicians.

The speed of changes in an ever more complex world is so high that societies do not have sufficient time to interpret and thoroughly understand the current processes and trends as well as their impacts. Most studies focus on the receding reality; those trying to describe and analyse the current state-of-the-art and to forecast possible development lines and their consequences follow out-of-date models and approaches. At the same time, experts and the public have reached a relative consensus on the socio-cultural challenges coming into particular prominence:

- information overload, resulting in its devaluation, de-professionalization of journalism and loss of trust to professional media outlets;
- pervasive communications accompanied by ever more sophisticated and addictive communicative technologies;
- power and mid- and long-term effects of digital platforms, born within regulation grey areas and run by big monopolizing companies;
- dangers of dehumanization, with people gradually framed by technology, getting excluded from generating meanings and values and turning into functional supplements to communication flows;

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- traditional cultural regulators of social relations and processes being displaced by automated social algorithms;
  - blurring the borders between the real and the digital world, wide spread of simplified virtual mock-ups and simulacra;
  - privacy being eroded by the spread of both commercial and government surveillance; personal data and digital footprint turned into goods which can be sold and resold to form the economic basis of cyberspace;
  - post-truth in its heyday, with public perception shaped more by means of addressing feelings and personal opinion rather than operating real facts, with fakes, clickbaits, hypes and other tools introduced to form post-reality in the political and media culture, and furthermore to influence people to create and live in fake universes;
  - artificial intelligence technologies tending to shape humanity's access to information and knowledge transaction processes.

While the convergence of digital, physical and biological environment is gaining momentum, traditional pre-digital interaction and management models are still used, which leads to a widening range of problems, in particular considering ethical and legal issues.

In this context, the reframing and promotion of competencies (skills, knowledge and attitudes) incorporated in the term “media and information literacy” and providing a safe and responsible critical use of networks and digital services is gaining great importance. The development of such competencies is becoming indispensable.

**The Conference elaborated the following recommendations:**

UNESCO Member States, relevant intergovernmental and public organizations, UN agencies and other stakeholders should reach a consensus on the preparation of a global report on sociocultural transformations accompanied and influenced by the prevalence of digital technologies. The report should be based on a holistic and interdisciplinary approach to ensure a better insight of the present and future challenges. Cooperation among ethics, social sciences, humanities and cyber scientists and developers must be activated to avoid unintentional drawbacks. In addition, they must establish and support the activity of an interdisciplinary working group on cyber trends and emerging cyber technologies envisaging their potential impacts on society. This cooperation will not set limits to innovation but will promote “informed” innovation.

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All relevant stakeholders should take steps to enable individuals to better manage the collection, storage, analysis and sharing of their personal data and digital footprint and to protect the privacy of users against intrusion, misuse and abuse by both governmental agencies and private sectors. Regulation should be elaborated on the limits of the use of personal data. Designers, developers and other stakeholders who are working with algorithms that process personal data should abide by Code of Ethics proposed by computer science and engineering societies such as The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems and ACM Principles for Algorithmic Transparency and Accountability.

Concerned stakeholders, specifically governments, academics, and civil society organizations as well as experts from the scientific community, librarians and teachers should contribute to the elaboration of educational and learning programmes concerning the ethical, legal, systemic, cultural and social aspects of living in a world saturated by digital communication and media. Such programmes should broadly and massively promote the empowerment and raise the competency of citizens (with a special priority towards young citizens), in particular through increasing the level of media and information literacy.

Access to knowledge is a condition for informed/knowledge-based societies. Open science must thus be a priority for governments and research institutions. Their policies and action plans must ensure sustainable and linguistically more diverse open access to scholarly communication, research data and open educational resources, facilitated by digital technologies.

This document was elaborated by the representatives of Argentina, Armenia, Brazil, Bulgaria, Burkina Faso, China, Colombia, Dominican Republic, Ecuador, Egypt, France, Georgia, Ghana, Hungary, India, Italy, Jamaica, Japan, Kazakhstan, Kyrgyzstan, Latvia, Moldova, Norway, Palestine, the Philippines, Russia, Serbia, Slovenia, South African Republic, Spain, Sri Lanka, Switzerland, Syria, USA, Uzbekistan, and Zambia.

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## **UGRA RESOLUTION INFORMATION AND COMMUNICATION IN THE DIGITAL AGE**

### **Final document of the Second International Conference “Tangible and Intangible Impact of Information and Communication in the Digital Age”**

Khanty-Mansiysk, Russian Federation,

9–12 June 2019

- 1.1. The Second International conference “Tangible and Intangible Impact of Information and Communication in the Digital Age” took place in Khanty-Mansiysk, Russian Federation, on 9–12 June 2019, within the framework of UNESCO’s Information for All Programme and the XI International IT Forum. It was organized by the Russian Committee of the UNESCO Information for All Programme, Interregional Library Cooperation Centre and UNESCO Institute for Information Technologies in Education with the support of the Government of the Khanty-Mansi Autonomous Okrug – Ugra, UNESCO / UNESCO Information for All Programme and the Commission of the Russian Federation for UNESCO.
- 1.2. The interdisciplinary conference brought together about 100 participants from 33 countries – academicians and practitioners from the field of ICT and media, as well as philosophers, policymakers, social scientists, representatives of higher educational institutions and research centres, libraries, public authorities, private sector and civil society.
- 1.3. A variety of observations were made by the participants concerning the tangible and intangible impact of information and communication within the Digital Age. The conference activities included two plenary sessions: “Digital Age: Quo Vadis?” and “Freedom of Information: Global Challenges for Utopia”; a themed discussion “Malicious Use of Artificial Intelligence and International Psychological Security”; and two sections: “Media and Information Literacy and Ethics” and “Technologies and Linguistic Diversity”. A special seminar “Preservation of Cultural and Scientific Heritage in the Digital Age” was organized as a satellite event.
- 1.4. The conference considered the shifts in how we perceive and experience the variety of benefits and threats brought to the fore by artificial intelligence (AI), big data, Internet of Things, blockchain, etc., and how society is being challenged in terms of their impact on our lives, decisions and actions. On a macro-level, geopolitical and international psychological security implications of AI, digital intermediaries, social media and e-government platforms were discussed.

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### **The Conference emphasized the following:**

- 1.1. Current and emerging technologies raise relevant and urgent issues that lead to the need for a transdisciplinary approach in monitoring the impact of technology on societies and critical considerations from different disciplines: science and technology, education, philosophy, culture and linguistic studies.
- 1.2. The transformative power of technologies is increasing rapidly, but society is failing to keep up. Therefore, a stocktaking of recent developments and a predictive modeling of the societal effects of Industry 4.0 and already emerging Industry 5.0 technologies are imperative.
- 1.3. The emergence of powerful digital platforms of both American and Chinese origin is significantly affecting the ICT landscape. These platforms have come to dominate the global market and have extraordinary data strength and incomparable reach in terms of analytics. This poses significant risks not only to ICT ecosystems but also to digital innovation.
- 1.4. The current situation has huge societal implications. The reshaping of information and communication environment creates threats such as the loss of privacy, loss of people's agency and autonomy. Moreover, the collection and use of data in uncontrolled ways could lead to profiling or exclusion, thus fostering another digital divide.
- 1.5. Malicious use of artificial intelligence deserves special attention due to its possible global catastrophic effects, while keeping to a realistic vision what AI is, and is capable of, at its present level of evolution. Deep fakes, "fake people", artificial emotional intelligence, sentiment analysis, predictive analytics, etc. falling into the wrong hands, can have serious destabilizing effects on the social and political development of countries as well as the system of international relations, including international psychological security.
- 1.6. Automated systems should be operating in consideration of the principles of humanity, sustainable development as well as environmental protection. The use of technology can add value to society and contribute to the attainment of the Sustainable Development Goals (SDGs) provided it is implemented and maintained responsibly.
- 1.7. While addressing the development of Industry 4.0 and Industry 5.0 technologies, it is important to deal with ethical issues related to trust, transparency, safety, accountability, assurance, liability, security, gender and other biases and potential malicious uses.

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1.8. The current vocational education system fails to provide training for specialists to develop both technical competencies and a high level of knowledge in the humanities. Such cross-disciplinary (universal) education is required so that the development of innovative technologies is accompanied by a comprehensive analysis of the social consequences of their implementation.

1.9. The UN 2030 Agenda and priorities of the UNESCO Intergovernmental Information for All Programme, based on the ROAM principles and SDG indicators should be mechanisms to enable inter- and transdisciplinary dialogue for policy development including on social responsibility, justice, universal access to information and education.

**Proceeding from the above and referring to the provisions of the Ugra Declaration on Information and Communication in the Digital Age (the final document of the 2018 International conference “Tangible and Intangible Impact of Information and Communication in the Digital Age”), the Conference urges national governments, UN agencies (particularly UNESCO), and other relevant international, regional and national stakeholders to:**

I. Complement public and private investments in AI and Industry 4.0 technologies by funding probing and comprehensive research on the societal impact of technologies in order to grasp their potential detrimental effects and ensure their beneficial use. This includes trans-disciplinary issues in robotics, computer science, economics, law, ethics, labor, psychology and social studies.

II. Undertake research into regulation models that monitor and evaluate digital intermediaries in order to secure the public interest in the following problem areas:

- ensuring that people can control their own data in responsible, secure and transparent ways;
- securing transparency and accountability in the operation of digital platforms;
- taking steps to reduce tax evasion by digital corporations;
- preventing the proliferation of psychological warfare pursuing “cognitive hacking” on people’s cultural and social identities.

III. Determine, analyze, evaluate and clarify malicious use of artificial intelligence threats to international psychological security in order to make it possible to formulate concrete recommendations in this area. The establishing of an international network of research centres for a better understanding and counteraction to these threats is also desirable.

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VI. Promote consideration of information ethics across all disciplines, both theoretical and practical, and encourage bottom-up and top-down dialogue on ethical issues of information and communication amongst civil society, academia, media, private and public sectors.

V. Recognise the importance of media and information literacy skills in the digital era and promote them at all levels and forms of education including lifelong learning.

VI. Foster research on more accountable, democratic, and humane alternatives to the modern economic model of the Internet that has evolved around the commodification of personal information.

This document was drafted by the representatives of Argentina, Azerbaijan, Belarus, Belgium, Benin, Brazil, Cameroon, France, Georgia, Ghana, Hungary, India, Italy, Kazakhstan, Kyrgyzstan, Latvia, Moldova, Morocco, New Zealand, Pakistan, Peru, Philippines, Romania, Russian Federation, Slovenia, South Africa, Spain, Sri Lanka, Turkey, Ukraine, United Kingdom, Uzbekistan and Zambia.

## CONFERENCE PROGRAMME

### 17 June (Thursday)

12.00 – 12.55 (local time, GMT+5)

09.00 – 09.55 (Paris time)

#### Conference opening

##### Moderator:

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

##### Greetings:

**Natalia KOMAROVA**, Governor of the Khanty-Mansi Autonomous Area – Ugra (Russian Federation)

**Dorothy GORDON**, Chair, Intergovernmental Council, UNESCO Information for All Programme (IFAP); Chair, UNESCO/IFAP Working Group for Media and Information Literacy; Governing Board Member, UNESCO Institute for Information Technologies in Education (Ghana)

**Jyldyz BAKASHOVA**, Deputy Prime Minister of the Kyrgyz Republic (Kyrgyz Republic)

**Adama SAMASSEKOU**, Founding Executive Secretary, AU/ACALAN (African Academy of Languages); President, MAAYA World Network for Linguistic Diversity; President, World Humanities Conference; President, WSIS Preparatory Committee for the Geneva Phase; Former Minister of Education of Mali (Mali)

**Marielza OLIVEIRA**, Director for Partnerships and Operational Programme Monitoring, UNESCO Communications and Information Sector (UNESCO)

## 17 June (Thursday)

13.00 – 13.55 (local time, GMT+5)

10.00 – 10.55 (Paris time)

### Section 1. The Emerging Model of “Surveillance Capitalism”

#### Moderator:

**Tatiana MUROVANA**, Programme Specialist, UNESCO Institute for Information Technologies in Education (UNESCO)

#### Presentations:

**Mohamed ELGUINDY**, Cybercrime Expert, Faculty of Law, British University in Egypt; Digital Transformation Expert, Egyptian Public Prosecution Office (Egypt)

*The Opt-Out Illusion in the Age of Surveillance Capitalism*

**Pierre-Emmanuel THOMANN**, President, Eurocontinent; Docent, University Lyon III (France)

*EU Main Posture on Ethics Regarding the Development of AI and Digitalization: Advantages, Limits and Ambiguities*

**Leonid TOMIN**, Associate Professor, Department of Political Administration, St. Petersburg State University (Russian Federation)

*Political Effects of Digital Transformation of Urban Governance*

**Fatima ROUMATE**, Associate Professor, Mohamed V University; President, Institut International de la Recherche Scientifique (Morocco)

*AI Surveillance, States and the New World Order*

## 17 June (Thursday)

14.00 – 14.55 (local time, GMT+5)

11.00 – 11.55 (Paris time)

### Section 2. The Revolution of Values: New Interpretation of Rights and Freedoms

#### Moderator:

**Gašper HRASTELJ**, Secretary General, Slovenian National Commission for UNESCO (Slovenia)

#### Presentations:

**Noémi BONTRIDDER**, Researcher, University of Namur; Member, UNESCO/IFAP Working Group for Information Ethics (Belgium)

**Yves POULLET**, Professor, University of Namur; Vice-Chair, UNESCO/IFAP Intergovernmental Council; Chair, UNESCO/IFAP Working Group for Information Ethics (Belgium)

*Does Freedom of Expression Imply the Spread of Disinformation Online?*

**Coetzee BESTER**, Director, African Centre of Excellence for Information Ethics, University of Pretoria; Chair, South African Committee for UNESCO IFAP; Director, National Institute for the Deaf in South Africa; Former Member of Parliament in South Africa; Member, Post-Apartheid Constitution Writing Chamber (South African Republic)

*A Relationship between Information Ethics and Artificial Intelligence*

**Marius VACARELU**, Lecturer, National School of Political and Administrative Studies (Romania)

*When Propaganda Replaces Good Governance*

**Gregory SIMONS**, Researcher, Uppsala University (Sweden); Leading Researcher, Ural Federal University (Russia) (Sweden / New Zealand)

*Global COVID-19 Pandemic: Orwell Goes Digital*

## 17 June (Thursday)

15.00 – 15.55 (local time, GMT+5)

12.00 – 12.55 (Paris time)

### Section 3. Digital Technologies and Society

#### Moderator:

**Yury CHYORNY**, Head, Centre for Informatics Problems Studies, Institute of Scientific Information on Social Sciences, Russian Academy of Sciences (Russian Federation)

#### Presentations:

**Alfredo RONCHI**, Secretary, EC MEDICI Framework of Cooperation; Professor, Politecnico di Milano (Italy)

*From Ingsoc to Skynet It Is Not Only Science Fiction (from Novels and Science Fiction to Quasi-Reality)*

**Iosif DZYALOSHINSKY**, Professor, National Research University Higher School of Economics (Russian Federation)

*Philosophy of Digital Civilization and Transformation of Media Communications*

**Viola KREBS**, Academic Dean, University of Business and International Studies; Adjunct Faculty, University of Management, Economics and Finance; Member, UNESCO Chair Strasbourg “Journalism and media practices: between globalization and cultural diversity” (Switzerland / France)

*Digital Transformation in a COVID-19 Environment*

**Firuza KHAMDAMOVA**, Department Head, Centre for Sustainable Development; Department Head, Institute for State and Law, Academy of Sciences of Uzbekistan (Uzbekistan)

*Promoting and Protecting Human Rights in the Era of Digital Transformation: Trends, Problems and Prospects*

**Andrey MELNIKOV**, Director, Ugra Research Institute for Information Technologies

*Breakthrough ICTs in Ugra: Challenges and Opportunities*

## 17 June (Thursday)

16.00 – 16.55 (local time, GMT+5)

13.00 – 13.55 (Paris time)

### **Section 2. The Revolution of Values: New Interpretation of Rights and Freedoms (second session)**

#### **Moderator:**

**Anastasia PARSHAKOVA**, Deputy Director, Interregional Library Cooperation Centre; Project Coordinator, Russian Committee of the UNESCO Information for All Programme (Russian Federation)

#### **Presentations:**

**Yury CHYORNY**, Head, Centre for Informatics Problems Studies, Institute of Scientific Information on Social Sciences, Russian Academy of Sciences (Russian Federation)

*Plan of the Great Reset: An “Open Conspiracy” to Seize Power over the World or a Chance to Get to the Path of Sustainable Development?*

**Marco RICCERI**, Professor, Director General, EURISPES – Institute for Political, Economic and Social Studies (Italy)

*For a Digital Revolution at the Service of Sustainability: The Common Commitment of States and the New Models of Economic and Social Behavior*

**Louis POUZIN**, Chief Executive Officer, Open-Root Company; Researcher, RINA Europa (France)

**Chantal LEBRUMENT**, Chief Operating Officer, Open-Root Company; Director, RINA Europa (France)

**Ludovic BOUVIER**, Manager, Open-Root Company; Director, RINA Europa (France)

*How the Pandemic Will Change Our Relationship to the Internet*

**Vladimir BEBEKH**, Director, Astra Media Professional Communications Agency; Publisher, Head, MK-Ugra & MK in Tyumen projects (Russian Federation)

*Post-Pandemic Digital Society: Cyberthreats, Loss of Privacy and Value Shifting*

## 17 June (Thursday)

17.00 – 17.55 (local time, GMT+5)

14.00 – 14.55 (Paris time)

### Section 3. Digital Technologies and Society (second session)

#### Moderator:

**Alisher IKRAMOV**, Director for Development of International Cooperation, International Institute for Central Asian Studies; Former Secretary General, National Commission of Uzbekistan for UNESCO (Uzbekistan)

#### Presentations:

**Anuradha KANNIGANTI**, Lecturer, French National Institute of Oriental Languages and Civilizations (India / France)

*Artificial Intelligence and Intercultural Communication*

**Aleksander SHARIKOV**, Professor, National Research University Higher School of Economics (Russian Federation)

*Global Information Online Space: Key Development Trends*

**Tolga KORUCU**, Assistant Secretary-General, Turkish National Commission for UNESCO (Turkey)

*Changing Routines of Post-Pandemic: The Turkish Perspective towards Communication and Information*

**Vladimir SHIROKOV**, Director, Ukrainian Language and Information Fund, National Academy of Sciences of Ukraine (Ukraine)

*Information and Communication in the Context of the General Theory of Evolution*

## 17 June (Thursday)

18.00 – 18.55 (local time, GMT+5)

15.00 – 15.55 (Paris time)

### **Section 1. The Emerging Model of “Surveillance Capitalism” (second session)**

#### **Moderator:**

**Tatiana MUROVANA**, Programme Specialist, UNESCO Institute for Information Technologies in Education (UNESCO)

#### **Presentations:**

**Prabhakar Rao JANDHYALA**, Professor, Director, India Centre of Excellence in Information Ethics, University of Hyderabad (India)

**Siva Prasad RAMBHATLA**, Honorary Professor, University of Hyderabad (India)

*Whose Knowledge Counts? The Marginal Societies and the Dominant Cultures*

**Evgenia BILCHENKO**, Professor, Department of Cultural Studies and Philosophical Anthropology, Dragomanov National Pedagogical University; Leading Researcher, Screen Culture Department, Institute of Cultural Studies, National Academy of Arts of Ukraine (Ukraine)

*Post-Panopticon: Horizontal Network Censorship as a Hidden Mechanism of Total Neoliberal Surveillance*

**Daniel PIMIENTA**, Head, Observatory of Linguistic and Cultural Diversity on the Internet (Dominican Republic)

**Luis Germán RODRÍGUEZ LEAL**, Emeritus Professor, Universidad Central de Venezuela (Venezuela)

*Rock the Internet Blues!*

**Van Nhich DAM**, Lecturer, National Research University Higher School of Economics (Vietnam / Russian Federation)

*Malicious Use of Artificial Intelligence in Northeast Asia*

**Ulises GIROLIMO**, Postdoctoral Researcher, National Council of Scientific and Technological Research (CONICET); Researcher, Research Programme on Information Societies, Instituto de Investigaciones Gino Germani, University of Buenos Aires (Argentina)

*New Trends in Knowledge Capitalism: What Can Argentinian Cities Do to Promote Socio-Technological Development?*

## 17 June (Thursday)

19.00 – 20.30 (local time, GMT+5)

16.00 – 17.30 (Paris time)

### Section 2. The Revolution of Values: New Interpretation of Rights and Freedoms (third session)

#### Moderator:

**Anastasia PARSHAKOVA**, Deputy Director, Interregional Library Cooperation Centre; Project Coordinator, Russian Committee of the UNESCO Information for All Programme (Russian Federation)

#### Presentations:

**Arpad RAB**, Associate Professor, Corvinus University Budapest; Senior Research Fellow, University of Public Service (Hungary)

*Online Trust in Society*

**Duo WU**, Senior Lecturer, Sichuan International Studies University (China)

*Manifestation of Political Polarization in China's Social Media*

**Rudolph FINK**, Associate Professor, Ugra State University (Russian Federation)

*Generational Identity Gap in the Era of the Digital Revolution. Are the Declared Communities «Real»?*

**Saleh MASHARQA**, Lecturer and Media Trainer, Birzeit University (Palestine)

*Fake News: Exploratory Research into the Content, Channels and Responses*

**Ainars KOMAROVSKIS**, Board Member, "AK Risinajumi" SIA (Latvia)

*Freedom of Opinions and Access to Information in Today's Latvia*

**Susana FINQUELIEVICH**, Principal Researcher, National Council of Scientific and Technological Research (CONICET); Director of the Research Programme on Information Societies, Instituto de Investigaciones Gino Germani, University of Buenos Aires (Argentina)

**Maria Belen ODENA**, Researcher, Instituto de Investigaciones Gino Germani, University of Buenos Aires; PhD Student, Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT) (Argentina)

*Social and Psychological Dimensions of the Impacts of Technological Change and Working Conditions on ICT Workers*

## 18 June (Friday)

12.00 – 12.55 (local time+GMT+5)

09.00 – 09.55 (Paris time)

### Section 3. Digital Technologies and Society (third session)

#### Moderator:

**Pierre-Emmanuel THOMANN**, President, Eurocontinent; Docent, University Lyon III (France)

#### Presentations:

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

*New Information Environment*

**Alice LEE**, Professor, Hong Kong Baptist University (Hong Kong, China)

**Lilian WONG**, Paediatrician, Secretary General, Hong Kong Paediatric Foundation (Hong Kong, China)

**Sumeet CHAN**, Clinical Counsellor (Hong Kong, China)

*Effects of Omnipresent Social Networking on Adolescents' Psychological Well-Being at Three Developmental Stages*

**Therese Patricia SAN DIEGO**, Director, Asian Institute of Journalism and Communication; Faculty Member, Miriam College (Philippines)

*Crafting the Media and Information Literacy Framework in Youth Civic Engagement in the Philippines: Lessons and Recommendations*

**Valerii DIOZU**, Executive Director, "Arax" Internet Service Provider (Moldova)

*Digitalization of the Environment: A Response to Contemporary Challenges*

**Hero PATRIANTO**, Linguist, Language Office of East Java, Indonesian Ministry of Education, Culture, Research, and Technology; PhD Student, Victoria University at Wellington (New Zealand) (Indonesia)

*Staying Local in the Digital Global Interaction: Is It Possible?*

## 18 June (Friday)

13.00 – 13.55 (local time, GMT+5)

10.00 – 10.55 (Paris time)

### Section 4. Digital Transformation of Memory Institutions

#### Moderator:

**Yury CHYORNY**, Head, Centre for Informatics Problems Studies, Institute of Scientific Information on Social Sciences, Russian Academy of Sciences (Russian Federation)

#### Presentations:

**Irina BAKANOVA**, Deputy Director General for Research, Bakhrushin State Theatre Museum; Professor, Department of Museology, Russian State University for the Humanities (Russian Federation)

*Museums Going Digital*

**Boris LOGINOV**, Director, Central Research Medical Library, Sechenov University; Director General, LIBNET National Information and Library Centre (Russian Federation)

*Libraries in the Digital Age: Subject to Change*

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

*Information Preservation: How Close We Are to Digital Amnesia*

## 18 June (Friday)

14.00 – 15.10 (local time, GMT+5)

11.00 – 12.10 (Paris time)

### Section 5. Multilingualism and ICTs

#### Moderator:

**Prabhakar Rao JANDHYALA**, Professor, Director, India Centre of Excellence in Information Ethics, University of Hyderabad (India)

#### Presentations:

**Vicent CLIMENT-FERRANDO**, Research Coordinator, UNESCO Chair on Language Policies for Multilingualism, Universitat Pompeu Fabra Barcelona (Spain)

*Artificial Intelligence and New Technologies for Regional or Minority Languages. An Opportunity or a Threat?*

**Dzhavdet SULEIMANOV**, Scientific Director, Institute of Applied Semiotics, Tatarstan Academy of Sciences; Professor, Information Systems Department, Kazan Federal University (Russian Federation)

**Rinat GHILMULLIN**, Director, Institute of Applied Semiotics, Tatarstan Academy of Sciences (Russian Federation)

**Aidar KHUSAINOV**, Deputy Director, Institute of Applied Semiotics, Tatarstan Academy of Sciences (Russian Federation)

*Making the Tatar Language Operational in the Infocommunication Space*

**Brendan WEEKES**, Chair Professor and Visiting Fellow, Centre for Speech, Language and the Brain, University of Cambridge; Chair Professor in Communication Science, University of Hong Kong (United Kingdom / Hong Kong (China))

*Transliteration of Text Online: Lost in Translation?*

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**Alexandr RUDYAKOV**, Rector, Crimean Republican Institute of Postgraduate Pedagogical Education; Head, Department of Russian, Slavic and General Linguistics, Institute of Philology, Vernadsky Crimean Federal University (Russian Federation)

*What Linguistics Does the Digital 21<sup>st</sup> Century Need?*

**Tjeerd DE GRAAF**, Senior Research Fellow, Mercator Research Centre; Senior Research Fellow, Fryske Akademy (Netherlands)

*Digital Information about the Endangered Languages of Russia*

## 18 June (Friday)

15.15 – 16.10 (local time, GMT+5)

12.15 – 13.10 (Paris time)

### Section 5. Multilingualism and ICTs (second session)

#### Moderator:

**Vicent CLIMENT-FERRANDO**, Research Coordinator, UNESCO Chair on Language Policies for Multilingualism, Universitat Pompeu Fabra Barcelona (Spain)

#### Presentations:

**Vladislav KNOLL**, Scholar, Institute of Slavonic Studies, Czech Academy of Sciences (Czech Republic)

*Language Change in the Digital Age*

**Gilvan MULLER DE OLIVEIRA**, Professor, Federal University of Santa Catarina; Head, UNESCO Chair on Language Policies for Multilingualism (Brazil)

*ICTs and Multilingualism in Remote Education: New Strategies for Internationalization and Cooperation*

**Claudio MENEZES**, Adjunct Professor, University of Brasilia (Brazil)

*Use of Natural Language Toolkit for Analysing a Brazilian Indigenous Language*

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

*Marginalisation of Languages, or No Language Feels Good*

## 18 June (Friday)

17.00 – 17.55 (local time, GMT+5)

14.00 – 14.55 (Paris time)

### Section 3. Digital Technologies and Society (forth session)

#### Moderator:

**Coetzee BESTER**, Director, African Centre of Excellence for Information Ethics, University of Pretoria; Chair, UNESCO IFAP Committee in South Africa; Director, National Institute for the Deaf in South Africa, Former Member of Parliament in South Africa; Member, Post-Apartheid Constitution Writing Chamber (South African Republic)

#### Presentations:

**Cordel GREEN**, Executive Director, Jamaica Broadcasting Commission; Vice-Chair, Intergovernmental Council, UNESCO Information for All Programme (IFAP); Chair, IFAP Working Group for Information Access (Jamaica)

*Meaningful Inclusivity: A Regulator's Perspective on AI for Human Progress and Sustainable Development*

**Marifdjon USMANOV**, Director, Centre for Sustainable Development; Scientific Secretary, Institute for State and Law, Academy of Sciences of Uzbekistan (Uzbekistan)

*Threats and Challenges to Sustainable Development in the Context of Digitalization of Society*

**Igor BORISOV**, Member, Central Election Commission of the Russian Federation; Chair of the Council, Russian Public Institute of Electoral Law (Russian Federation)

*Digitalization of Electoral Processes: Expectations, Opportunities and Risks*

**Marie Madeleine ENGANEMBEN BEKEMEN**, Diplomat, Senior Staff in Charge of Monitoring Cooperation between Cameroon and the Countries of Central and Eastern Europe, Ministry of External Relations of Cameroon (Cameroon)

*Diplomacy and Artificial Intelligence*

**Aleksandr RAIKOV**, Leading Researcher, Institute of Control Sciences, Russian Academy of Sciences; Head, Department of Artificial Intelligence, National Centre for Digital Economy, Lomonosov Moscow State University (Russian Federation)

*Hybrid Strong Artificial Intelligence*

## 18 June (Friday)

18.00 – 18.55 (local time, GMT+5)

15.00 – 15.55 (Paris time)

### **Section 6. Creative Industries and Personal Self-Realization: Are They New Forms of Innovative Economy?**

#### **Moderator:**

**Vladimir BEBEKH**, Director, Astra Media Professional Communications Agency; Publisher, Head, MK-Ugra & MK in Tyumen projects (Russian Federation)

#### **Presentations:**

**Marina ABRAMOVA**, Director, RosCultCentre (Russian Cultural Centre) Federal Government Agency; Director, Russian Creative Week Festival Forum (Russian Federation)

*Future Economy: Shifting from Raw Materials towards Creative Industries*

**Kim HENDI**, Founder & CEO, Disruptive Art® Coaching; Former Senior Officer, Ministry of Innovation, Science and Economic Development, Government of Canada (Canada)

*Creativity and Well-Being: Social and Psychological Dimensions of Increased Access to Digital Platforms*

**Ekaterina GAIKA**, Director General, Agency for Creative Industries (Russian Federation)

*Creative Industries and Disruptive Technologies*

**Galit WELLNER**, Senior Lecturer, Tel Aviv University; Senior Lecturer, The NB Haifa School of Design (Israel)

*Algorithmic Imagination*

## 18 June (Friday)

19.00 – 19.55 (local time, GMT+5)

16.00 – 16.55 (Paris time)

### **Section 6. Creative Industries and Personal Self-Realization: Are They New Forms of Innovative Economy? (second session)**

#### **Moderator:**

**Galit WELLNER**, Senior Lecturer, Tel Aviv University; Senior Lecturer, The NB Haifa School of Design (Israel)

#### **Presentations:**

**Maria ROGACHEVA**, Director, ZIL Moscow Cultural Centre (Russian Federation)

*Centre of Culture as a Creative Hub: Space for Creativity Transformation*

**Kgomotso MOTLOTLE**, Independent Consultant, Former Secretary General, Botswana National Commission for UNESCO, Former Member, IFAP Council (Botswana)

*Leveraging on Digital Age as a Toolkit for Preservation and Transmission of Oral Literature Embedded in Traditional Pottery and Basketry in Botswana.*

**Maxim LOZOVSKIY**, Digital Content Director, AST Publishing House (Russian Federation)

*Digital Strategies of a Classic Publishing House: Drivers, Challenges, Perspectives*

**Ivan CHURILIN**, President, Agency for the Promotion of Social and Creative Advertising (Russian Federation)

*Creative Advertising Efficiency*

**Olga BUBNOVENE**, Director, Ugra Centre for Folk Arts and Crafts (Russian Federation)

*Using Digital Technologies to Preserve and Develop the Traditions of Folk Crafts in Ugra*

## 18 June (Friday)

20.00 – 20.30 (local time, GMT+5)

17.00 – 17.30 (Paris time)

### Conference closing

#### Speakers:

**Alexei ZABOZLAEV**, Deputy Governor of the Khanty-Mansi Autonomous Area – Ugra (Russian Federation)

**Dorothy GORDON**, Chair, Intergovernmental Council, UNESCO Information for All Programme (IFAP); Chair, UNESCO/IFAP Working Group for Media and Information Literacy; Governing Board Member, UNESCO Institute for Information Technologies in Education (Ghana)

**Evgeny KUZMIN**, Chair, Russian Committee of the UNESCO Information for All Programme (UNESCO/IFAP); President, Interregional Library Cooperation Centre (ILCC); Vice-Chair, IFAP Intergovernmental Council & Chair, UNESCO/IFAP Working Group on Multilingualism in Cyberspace (Russian Federation)

### Final document adoption

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## LIST OF PARTICIPANTS

### Albania

**Rexhep HIDA**, President, Fan Noli Publishing House; President, Albanian Translators Association

### Argentina

**Susana FINQUELIEVICH**, Principal Researcher, National Council of Scientific and Technological Research (CONICET); Director of the Research Programme on Information Societies, Instituto de Investigaciones Gino Germani, University of Buenos Aires

**Ulises GIROLIMO**, Postdoctoral Researcher, National Council of Scientific and Technological Research (CONICET); Researcher, Research Programme on Information Societies, Instituto de Investigaciones Gino Germani, University of Buenos Aires

**Maria Belen ODENA**, Researcher, Instituto de Investigaciones Gino Germani, University of Buenos Aires; PhD Student, Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT)

### Azerbaijan

**Yashar HUSEYNLI**, Head, Cultural Property Supervision and Registries Division, Ministry of Culture of Azerbaijan

### Bahrain

**May YASEEN**, Acting Director, Regional Centre for Information and Communication Technology

### Belgium

**Noémi BONTRIDDER**, Researcher, University of Namur; Member, Working Group for Information Ethics, UNESCO Information for All Programme (IFAP)

**Yves POULLET**, Professor, University of Namur; Vice-Chair, Intergovernmental Council, UNESCO Information for All Programme (IFAP); Chair, IFAP Working Group for Information Ethics

### Benin/Russia

**Anicet Gabriel KOTCHOFA**, Professor, Lomonosov Moscow State University; Executive Committee Member, International University Sports Federation; Former Ambassador of Benin to the Russian Federation

### Botswana

**Kgomotso MOTLOTLE**, Independent Consultant, Former Secretary General, Botswana National Commission for UNESCO, Former Member, IFAP Council

### Brazil

**Albert BOEKHORST**, Research Associate, University of Pretoria; Vice-President, International Association of School Libraries

**Claudio MENEZES**, Adjunct Professor, University of Brasilia

**Gilvan MULLER DE OLIVEIRA**, Professor, Federal University of Santa Catarina; Head, UNESCO Chair Language Policies for Multilingualism

**Thaiane OLIVEIRA**, Professor, Fluminense Federal University

### Cameroon

**Marie Madeleine ENGANEMBEN BEKEMEN**, Diplomat, Senior Staff in Charge of Monitoring Cooperation between Cameroon and the Countries of Central and Eastern Europe, Ministry of External Relations of Cameroon

### Canada

**Kim HENDI**, Founder & CEO, Disruptive Art® Coaching; Former Senior Officer, Government of Canada, Ministry of Innovation, Science and Economic Development

### Central African Republic/France

**Marcel DIKI-KIDIRI**, Academician Member, African Academy of Languages (ACALAN)

### China

**Duo WU**, Senior Lecturer, Sichuan International Studies University

### Czech Republic

**Vladislav KNOLL**, Scholar, Institute of Slavonic Studies of the Czech Academy of Sciences

### Dominican Republic

**Daniel PIMIENTA**, Head, Observatory of Linguistic and Cultural Diversity on the Internet

### Egypt

**Mohamed ELGUINDY**, Cybercrime Expert, Faculty of Law, British University in Egypt; Digital Transformation Expert, Egyptian Public Prosecution Office

**Nashwa SOLIEMAN**, Director, International Relations Office & Associate Professor of Greco-Roman Heritage, Faculty of Tourism and Hotels, University of Sadat City (USC)

### Estonia

**Olga EINASTO**, Division Head, Research Library, University of Tartu

### France

**Ludovic BOUVIER**, Manager, Open-Root Company; Director, RINA Europa

**Chantal LEBRUMENT**, Chief Operating Officer, Open-Root Company; Director, RINA Europa

**Louis POUZIN**, Chief Executive Officer, Open-Root Company; Researcher, RINA Europa

**Pierre-Emmanuel THOMANN**, President, Eurocontinent; Docent, University Lyon III

### Germany

**Verena METZE MANGOLD**, Professor, HTW – University of Applied Sciences Berlin; Former President, German Commission for UNESCO

### Ghana

**Dorothy GORDON**, Chair, Intergovernmental Council, UNESCO Information for All Programme (IFAP); Chair, UNESCO/IFAP Working Group for Media and Information Literacy; Governing Board Member, UNESCO Institute for Information Technologies in Education

### Hong Kong (China)

**Sumeet CHAN**, Clinical Counsellor

**Alice LEE**, Professor, Hong Kong Baptist University

**Lilian WONG**, Paediatrician, Secretary General, Hong Kong Paediatric Foundation

### Hungary

**Arpad RAB**, Associate Professor, Corvinus University Budapest; Senior Research Fellow, University of Public Service

**Fabian SHANDOR**, Consul General of Hungary in Yekaterinburg

### India

**Prabhakar Rao JANDHYALA**, Professor, Director, India Centre of Excellence in Information Ethics, University of Hyderabad

**Siva Prasad RAMBHATLA**, Honorary Professor, University of Hyderabad

**Arulmozi SELVARAJ**, Associate Professor, University of Hyderabad

### India / France

**Anuradha KANNIGANTI**, Lecturer, French National Institute of Oriental Languages and Civilizations

### Indonesia

**Hero PATRIANTO**, Linguist, The Language Office of East Java, Indonesian Ministry of Education, Culture, Research, and Technology; PhD Student, Victoria University at Wellington (New Zealand)

**Gatut SUSANTO**, Professor in Indonesian Language Education, Universitas Negeri Malang

### Israel

**Galit WELLNER**, Senior Lecturer, Tel Aviv University; Senior Lecturer, The NB Haifa School of Design

### Italy

**Marco RICCERI**, Professor, Director General, EURISPES – Institute for Political, Economic and Social Studies

**Alfredo RONCHI**, Secretary, EC MEDICI Framework of Cooperation; Professor, Politecnico di Milano

**Riccardo TESTA**, Researcher, International Department, EURISPES – Institute for Political, Economic and Social Studies

### Jamaica

**Cordel GREEN**, Executive Director, Jamaica Broadcasting Commission; Vice-Chair, Intergovernmental Council, UNESCO Information for All Programme (IFAP); Chair, IFAP Working Group for Information Access

### Kazakhstan

**Dmitriy Voyakin**, Director, International Institute for Central Asian Studies

### Kuwait

**Manar ALHASHASH**, Deputy Manager – Awards, Kuwait Foundation for the Advancement of Sciences

### Kyrgyz Republic

**Gyldyz BAKASHOVA**, Deputy Prime Minister of the Kyrgyz Republic

**Chynara SATYLKANOVA**, Coordinator, Agha-Khan Foundation

### Macau (China) / Brazil

**Julio JATOBA**, Senior Instructor of Translation Studies, University of Macau

### Latvia

**Ainars KOMAROVSKIS**, Board Member, “AK Risinajumi” SIA

### Malaysia

**Massila HAMZAH**, Dean, Faculty of Communication and Media Studies, Mara University of Technology

**Norhafezah YUSOF**, Associate Professor, Universiti Utara Malaysia

### **Mali**

**Adama SAMASSEKOU**, Founding Executive Secretary, AU/ACALAN (African Academy of Languages); President, MAAVA World Network for Linguistic Diversity; President, World Humanities Conference; President, WSIS Preparatory Committee for the Geneva Phase; Former Minister of Education of Mali

### **Morocco**

**Fatima ROUMATE**, Associate Professor, Mohamed V University; President, Institut International de la Recherche Scientifique

### **Moldova**

**Valerii DIOZU**, Executive Director, “Arax” Internet Service Provider

### **Mozambique / South African Republic**

**Francisco MATSINHE**, Research Associate, Institute for African Renaissance Studies (IARS), University of South Africa; Former Executive Secretary, AU/ACALAN (African Academy of Languages)

### **Netherlands**

**Tjeerd DE GRAAF**, Senior Research Fellow, Mercator Research Centre; Senior Research Fellow, Fryske Akademy

### **Norway**

**Maria Carmen TORRAS CALVO**, Library Director, University of Bergen

### **Pakistan**

**Abdul AZEEM**, Training Manager, IGI Life – Packages Group

### **Palestine**

**Ali BATHA**, Web Master, Media Development Centre, Birzeit University

**Saleh MASHARQA**, Lecturer and Media Trainer, Birzeit University

### Philippines

**Therese Patricia SAN DIEGO**, Director, Asian Institute of Journalism and Communication; Faculty Member, Miriam College

### Poland

**Jarosław LIPSZYC**, CEO, Fundacja Nowoczesna Polska (Modern Poland Foundation)

### Romania

**Marius VACARELU**, Lecturer, National School of Political and Administrative Studies

### Russian Federation

**Marina ABRAMOVA**, Director, RosCultCentre (Russian Cultural Centre) Federal Government Agency; Director, Russian Creative Week Festival Forum

**Tuyana ANDREYEVA**, Coordinator in the Republic of Sakha (Yakutia), Women's Union of Russia; Vice-President, Arctic Lady Foundation

**Alexander AREFIEV**, Deputy Director, Centre for Sociological Research, Ministry of Education and Science of the Russian Federation

**Inna ARKANOVA**, Deputy Director, Department for Public and External Relations of the Khanty-Mansi Autonomous Area – Ugra

**Svetlana ASTRAKHANTSEVA**, Director, Surgut Music and Drama Theatre

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