**​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​​AI for Good Global Summit
Geneva, Switzerland, 7-9 June 2017**

**Please follow the Summit via**[**Webcast​**](https://www.itu.int/en/ITU-T/AI/Pages/webcast.aspx)**.**

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**Day 1, 7 June 2017**

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| **09:30 - 1​0:00** | **Welcome Address,***Popov Room*The hosts, ITU and XPRIZE, set the goals and opportunities in collaborating for a better future with Artificial Intelligence. * **António Guterres** (invited), Secretary-General, United Nations [ Video Message ] [ [Biography](https://www.un.org/sg/en/content/sg/biography) ]
* **Houlin Zhao**, Secretary-General, ITU [ [Biography​](https://www.itu.int/en/osg/Pages/biography-zhao.aspx) ]
* **Peter Diamandis**, Founder, XPRIZE Foundation [ Video Message ]
* **Marcus Shingles**, CEO, XPRIZE Foundation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/shingles.aspx) ]

DisruptionExponential vs linearExponential thoughts exemple 30 mètres nb de pas ? 30 steps vs apres 6 steps plus loin que 30 metres estimation mi-parcours 15 easy 6-1 =🡺 histoire des grains de riz sur l’échiquier la moitié c’est le pas précédentModerator: **Stephen Ibaraki**, Social Entrepreneur and Futurist [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/ibaraki.aspx) ] |
| **10:00 - 10:45** | ​**Opening Keynotes: ‘Moonshots’ - Inspiration for the Future,***Popov Room*Distinguished keynote speakers from industry and academia will share their ‘moonshots’ for the future of Artificial Intelligence.Inaugural moonshot keynote: * **Rupert Stadler**, CEO and Chairman of the Board of Management, AUDI AG [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/stadler.aspx) ]

Voiture conduite automatique 🡺 fou le beaujolais est gratuit* Introduction by **Stephen Ibaraki**, Social Entrepreneur and Futurist [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/ibaraki.aspx) ]

Inspirations about the future: * **Jürgen Schmidhuber**, Scientific Director, Swiss AI Lab, IDSIA; Professor of AI, USI & SUPSI, Switzerland; President of NNAISE NSE [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/schmidhuber.aspx) ]

Un fou pour l’avenir les robots rigoles fin de la race humaine le beaujolais est gratuitModerator:**Marcus Shingles**, CEO, XPRIZE Foundation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/shingles.aspx) ]​ |
| **10:45 - 11:15** | ***Coffee break,*** *Tower building, Outside Popov Room, -2ndfloor****​*** |
| **11:15 - 12:45** | ​**Plenary 1: State of Play,***Popov Room*Recent breakthroughs have driven rapid growth in massive data sets, storage capacity, computing power, and open APIs. These changes have fueled the development of machines that can do things that once relied solely on human experience, creativity, and ingenuity. In the opening presentations of the summit, we explore perspectives of the current moment including how AI is affecting life and organizations. Speakers: * **Margaret Chan**, Director General, World Health Organization [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/chan.margaret.aspx) ]

**Digital equity** tres balanced entre great and danger* **Peter Lee**, Corporate Vice President of Microsoft AI and Research, Microsoft [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/lee.peter.aspx) ]

AI artisans cf video machine learning languages translation surprises medecine-radiologieEffet transfrmatif* **Izumi Nakamitsu**, UN High Representative for Disarmament Affairs, UNODA [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/nakamitsu.aspx) ]

Compris alors je pars sur de l’exponential !!Good effects vs bad effectsSystems weapons autonomous !!!!! eliminer les radarsAutomatisation des champs de batailles trois cas🡺 acceleration de la guerre no regulation sur l’usage de l’AI ds la guerrelethal autonomous systemsnouveaux proplemes impliquent nouvelles dispositionsconclusion 1 normes centrées sur l’hommeconclusion 2 ….. conclusion 3 ….* **Frank La Rue**, Assistant Director-General, UNESCO [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/la-rue.aspx) ]  ​

Comment mettre un peu d’humanisme dans ces dev techno ?Les différentes composantes de l’Unesco sont a integrer dans le futur de l’AI4 principes de base : 1 ICT tourner vers les droits de l’homme 2 pas de silo 🡺 mettre en commun qui va les gerer ? 3 l’éducation doit changer mais pas n’importe comment  4 attention aux disparitions d’emplois 🡺 chaos social 5 citizen responsibility to reinforce allant ds le sens de renforcer la sociétéles systemes educatis sont out of order !!! =🡺 importance du dialogue* **Yoshua Bengio**, Professor, University of Montreal

Human knowledge transferees aux robots 🡺 importance des donnéesComment donner des données/connaissances aux computers …🡺 deep learningDigital recognition image – languages -…Supervision des outcomes of learning ….. protection des usersThought automatisaionHow to change les syst educ pour des jobs nouveauxCooperation des pays !!!!Choix des thèmes de recherches …pas seulement from industries but also from the societyWhat is the responsibility of the researchers ?Moderator: **Wendell Wallach,** Consultant, Ethicist, and Scholarat Yale University's Interdisciplinary Center For Bioethics and Senior Advisor to The Hastings Center, and the World Economic Forum |
|  |  |
| **12:45 - 14:00** | *​****Lunch break***Brown bag lunch offered to delegates, *Tower building, Outside Popov Room, -2ndfloor* |
| **14:00 - 15:30** | **Plenary 2: Transformations on the Horizon,***Popov Room*Industry and academia are working towards the next generation of computers that can understand and learn from natural spoken language, full motion video, and more. Given how much the world is already changing, what can we expect from the next generation of Artificial Intelligence systems? How will these technologies affect the world? Presenters will explore these global opportunities, transformations, and challenges. Speakers: * **Francesca Rossi**, Research Scientist, IBM Watson and Professor of Computer Science, University of Padova [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/rossi.aspx) ]

Symbiotic between man and machine cf slide Human + Machine6 revolutions slideexamples doctor diagnosis c’est une IBM qui croit en la technology* **Salil Shetty**, Secretary General, Amnesty International [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/shetty.aspx) ]

Digital Equity justice * **Vicki Hanson**, President, Association for Computing Machinery (ACM) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/hanson.vicki.aspx) ] ​

System AI inclusive accessibility * **Gary Marcus**, Professor of Psychology and Neural Science, New York University [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/marcus.aspx) ]

Bofff Moderator: **Urs Gasser**, Executive Director of the Berkman Klein Center for Internet & Society, Harvard University [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/gasser.aspx) ]  |
| **15:30 - 16:00** | ***​Coffee break,****Tower building, Outside Popov room, -2ndfloor* |
| **16:00 - 18:00** | **Plenary 3: Future Roadmap – Collaborating for Good,***Popov Room*A wide range of voices have been debating the future of AI. A roadmap for governments, industry, academia, media, and civil society is critical to ensure that this technology develops in a safe, responsible, and ethical manner benefiting all segments of society. The presenters and panelists will address the issues above and will introduce the role of the ‘Breakthrough Sessions’ taking place over the next two days of the Summit. Speakers: * **Stuart Russell,** Professor of Computer Science and Smith-Zadeh Professor in Engineering, University of California, Berkeley [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/russell.aspx) ]

Pictures ===🡺 changing AI vision pour le future ????? 🡸====== AI stupid* **Katsumi Emura**, Chair of Industrialization Roadmap Task Force, Strategic Council for AI Technology​​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/emura.aspx) ]

Roadmap japonnais competition avec Peter Head mais avecsociety incluse* **Manuela Veloso**, Professor in Computer Science and Robotics, Carnegie Mellon University [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/veloso.aspx) ]

Le robot COBOT* **Cindy Smith**, Director, United Nations Interregional Crime and Justice Research Institute (UNICRI) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/smith.aspx) ]​

RAS* **Robert Kirkpatrick**, Director, UN Global Pulse [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/kirkpatrick.aspx) ] 🡸====

Très raisonnable lucideEducation EducationNe pas accroitre les inegalitesNe pas créer un processus néfasteAi généralisée à démontrer faire des study casePanel: * **Chaesub Lee**, Director of Telecommunication Standardization Bureau, ITU [ [Biography](https://www.itu.int/en/ITU-T/tsbdir/Pages/default.aspx) ]
* **Lan Xue**, Cheung Kong Chaired Professor and Dean of School of Public Policy and Management, Tsinghua University
* **Chris Fabian**, Co-Founder, UNICEF Innovation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/fabian.aspx) ]
* **Sam Molyneux**, GM & Scientist, Meta, Chan Zuckerberg Initiative [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/molyneux.aspx) ]​
* **Peggy Hicks**, Director of Thematic Engagement, Special Procedures and Right to Development, OHCHR [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/hicks.aspx) ]
* **Paul Bunje**, Chief Scientist at XPRIZE [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/bunje.aspx) ]

Co-Moderators:* **Nicholas Davis**, Head of Society and Innovation, World Economic Forum [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/davis.aspx) ]
* **Anja Kaspersen**, Head of Strategic Engagement and New Technologies, International Committee of the Red Cross (ICRC) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/kaspersen.aspx) ]
 |
| **​18:30 - 20:00** | ​**Reception,***Montbrillant Cafeteria* |

**Day 2, 8 June 2017**

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| **​09:00 - 10:00** | ​**Plenary 4: Privacy, Security, Ethics and Societal Challenges,***Popov Room*AI will have far-reaching effects on the future of society that could redefine global ethics, economics, and law. This session will discuss the need for a guiding ethical framework and code of conduct to direct the design, production, and use of AI and robotics. The session will also explore the framework’s requirements in the areas of fundamental human rights, equality, justice, non-discrimination, privacy and social responsibility. These requirements center the role of the ‘Breakthrough Sessions’ taking place over the next two days of the Summit. Speakers: * **Joe Konstan**, Professor, University of Minnesota [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/konstan.aspx) ]
* **Mady Delvaux-Stehres**, Member of the European Parliament [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/delvaux_stehres.aspx) ]​
* **Lynne Parker**, Professor, University of Tennessee-Knoxville [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/parker.lynne.aspx) ]
* **David Hanson**, Founder and CEO, Hanson Robotics (demo) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/hanson.david.aspx) ]​

Moderator: **Mike Hinchey**, President, International Federation for Information Processing (IFIP) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/hinchey.aspx) ]  |
| ​​**10:00 - 10:30** ​ | ***Coffee break***​, *Tower building, Outside Popov room, -2ndfloor* |
| **10:30 - 12:00** ​ |
| ​ **​Breakthrough Groups on Privacy and Ethics** | ​​**Breakthrough Groups on Societal Challenges** |
| **​**[**Enhancing Privacy and Security**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg1-1)*Room H*Lead: UNICRI, OHCHR, Global PulseModerator: **Irakli Beridze**, Senior Strategy and Policy Advisor, UNICRI [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/beridze.aspx) ]Speakers:* **Hongjiang Zhang**, Managing Di​rector of ByteDance Technical Strategy Research Center [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/zhang.hongjiang.aspx) ]
* **Virginia Dignum**, Associate Professor, TU Delft [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/dignum.aspx) ]
* **Drudeisha Madhub**, Data Protection Regulator, Mauritius

​​Pane​lists:* **Frederike Kaltheuner**, Policy Officer, Privacy International
* **Mark Latonero**, Lead researcher for the Data & Human Rights program at Data & Society
* **Brian Witten**, Sr Director, Symantec Research Labs, Symantec [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/witten.aspx) ]
* **Konstantinos Karachalios**, Managing Director, IEEE Standards Association​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/karachalios.aspx) ]

Rapporteur: **Sean McGregor**, Oregon State University​​ | **​**[**Ethical dev​elopment of AI**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg1-2)*Room K*Lead: Global Pulse, UNESCO, OHCHRModerator: **Robert Kirkpatrick**, Director, UN Global Pulse [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/kirkpatrick.aspx) ]Speakers:* **Luka Omladič**, Member of the UNESCO COMEST
* **Lorna McGregor**, Director, Human Rights Centre, University of Essex

Panelists: * **Francesca Rossi**, Research Scientist, IBM Watson and Professor of Computer Science, University of Padova**​**[ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/rossi.aspx) ]
* **Wendel Wallach**, Scholar, Interdisciplinary Center for Bioethics and, Yale University
* **Chinmayi Arun**, Executive Director of the Centre for Communication Governance at National Law University Delhi
 | **​**[**Future of Work**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg1-3)​*Popov Room*Lead: ILO, UNIDO, UNDESAModerator: **Marie-Jose Bahnam**, Sr. Director, Foundation Priorities, XPRIZE [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/bahnam.aspx) ]Speakers: * **Barmak Heshmat**, Research Scientist, Massachusetts Institute of Technology (MIT) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/heshmat.aspx) ]
* **Ekkehard Ernst**, Research Department, ILO [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/ekkehard.aspx) ]

Panelists: * **Irmgard Nübler**, Research Department, ILO [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/nubler.aspx) ]
* **Olga Memedovic**, Chief, Europe and Central Asia Bureau, UNIDO
* **Ratika Jain**, Executive Director – Manufacturing, Confederation of Indian Industry (CII)​

Rapporteur: **Alexandre Cadain**, Professor at Ecole Normale Superieure and CEO at Anima  | [**Humans and Machines​**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg1-4)*Room C*Lead: **Marie-Hélène Parizeau**, Chair of UNESCO COMEST; **Joseph Konstan**, Professor, University of Minnesota​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/konstan.aspx) ]Moderator: **Joseph Konstan**, Professor, University of Minnesota [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/konstan.aspx) ]Panels:* **Marie-Hélène Parizeau,** Chair of UNESCO COMEST
* ​**Mady Delvaux-Stehres,**Member of the European Parliament, Vice-Chair of the Committee on Legal Affairs, Chair of the Working Group on robotics​​​​​[ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/delvaux_stehres.aspx) ]
* **Apala Lahiri Chavan**, President, Human Factors International [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/lahiri.aspx) ]
* **Nic Bidwell**, Professor, University of Namibia

Rapporteur: **Joseph Konstan**, Professor, University of Minnesota [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/konstan.aspx) ] |
| **12:00 - 13:30** | ***​​Lunch break***Brown bag lunch offered to delegates, *Tower building, Outside Popov Room, -2ndfloor* |
| **​13:30 - 14:00** | **Plenary 5: ‘Breakthrough’ Proposals on Privacy, Security, Ethics and Societal Challenges,***Popov Room*The rapporteurs of the ‘breakthrough groups’ will present their proposals on near-term, practical applications of AI to solve the challenges presented in their sessions.  |
| **​14:00 - 15:00** | **Plenary 6: AI for Common Good and Sustainable Living,***Popov Room*AI has the potential to yield enormous value in solving many of humanity’s grandest challenges and advancing the United Nations Sustainable Development Goals. This session will explore how AI can accelerate and advance the development and democratization of solutions to promote common good and enable sustainable living. Speakers: * **Fei-Fei Li**, Director, Stanford Artificial Intelligence Lab (SAIL) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/li.fei-fei.aspx) ]
* **Antoine Blondeau**, Chairman, Sentient [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/blondeau.aspx) ]
* **Stephen Cave**, Executive Director, Leverhulme Centre for the Future of Intelligence [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/cave.aspx) ]
* **Thomas Wiegand,** Executive Director, Fraunhofer Heinrich Hertz Institute and Professor, TU Berlin [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/wiegand.aspx) ]

Moderator/Speaker: **Thomas Wiegand**, Executive Director, Fraunhofer Heinrich Hertz Institute and Professor, TU Berlin [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/wiegand.aspx) ] |
| ​**15:00 - 15:30** | ***Coffee break,****Tower building, Outside Popov room, -2ndfloor* |
| **15:30 - 17:00** ​ |  |  |  |  |
| ​ **Breakthrough Groups on Common Good** | ​​**Breakthrough Groups on Sustainable Living** |
| [**AI for Prosperity**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg2-1)*Room C*Lead: **Yoshua Bengio**, Professor, University of MontrealPanelists:* **P​et​er Lee**​, Corporate Vice President of Microsoft AI and Research ​at Microsoft [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/lee.peter.aspx) ]
* **Wendell Wallach,**Consultant, Ethicist, and Scholar at Yale University's Interdisciplinary Center for Bioethics, and Senior Advisor to the Hastings Center, and the World Economic Forum
* **Lynne Parker​,**Professor, University of Tennessee-Knoxville​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/parker.lynne.aspx) ]
* ​**Anja Kaspersen​,**Head of Strategic Engagement and New Technologies, at ICRC​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/kaspersen.aspx) ]
* **Sam Molyneux**, **Sam Molyneux**, GM & Scientist, Meta, Chan Zuckerberg Initiative​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/molyneux.aspx) ]
* **Philippe Beaudoin,**VP Research Group and Co-Founder at Element AI

Rapporteur: **Sean McGregor**, Oregon State University​ | [**Social ​Good Data**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg2-2)*Popov Room*Lead: Global Pulse​, UNDESAModerator: **Miguel Luengo-Oroz**, Chief Data Scientist, UN Global Pulse Speaker:* **John Quinn**, Pulse Lab Kampala

Panelists: * **Chris Earney,** Deputy of UNHCR Innovation​, UN High Commissioner for Refugees (UNHCR)
* **Moustapha Cissé**, Researcher, Facebook
* **Fei-Fei Li,** Director**,** Stanford Artificial Intelligence Lab (SAIL) and Chieft Scientist of AI at Google Cloud [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/li.fei-fei.aspx) ]
* **Leila Zia**, Senior Research Scientist, Wikimedia Foundation
* **Lars Bromley**, Principal Analyst UNOSAT

Rapporteur: **Rene Clausen Nielsen**, ‎Information Management Lead, IFRC​  | [**Promoting Healthier Citizens**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg2-3)*Room K*Lead: WHOModerator: **Mohamed Alkady,**President, Hart [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/alkady.aspx) ]Speaker:  * **Kenneth Goodman**, Director, Institute for Bioethics and Health Policy; Co-Director, UM Ethics Programs, University of Miami (Video Message)

Panelists:  * **Christiane Woopen**, Professor at Ethics and Theory of Medicine, University of Cologne (Member of International Bioethics Committee of UNESCO
* **Kenneth Goodman**, Director, Institute for Bioethics and Health Policy; Co-Director, UM Ethics Programs, University of Miami
* **Jay Komarneni,** Founder & Chair of the Human Diagnosis Project ('Human Dx')
* **Moustapha Cissé**, Researcher, Facebook
* **Barry Ressler**, Chairman of the Board/CEO, International Space Medicine Consortium
* **Abha Saxena,** Coordinator, Global Health Ethics, WHO

Rapporteur: **Preetam Maloor**​, Strategy and Policy Advisor, ITU | [**Smart Cities and Communities**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg2-4)*Room H*Lead: ITU, UNIDO​Co-Moderators:* **Frits Bussemaker**, Liaison European Relations, Partner CIONET [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/bussemaker.aspx) ]
* **Kyle Nel**, Founder and executive director of Lowe's Innovation Labs [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/nel.aspx) ]

Speaker:* **Okan Geray**, Strategy Planning Consultant; Smart Dubai Office [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/geray.aspx) ]
* **Igor van Gemert**, Founder/CEO, SIM-CI

Panelists:* **Anto​ine Bordes**, Senior Researcher, *Facebook*
* **Thomas Wiegand,**Executive Director, Fraunhofer Heinrich Hertz Institute and Professor, TU Berlin​ [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/wiegand.aspx) ]
* **Peter Marx**, Vice President, Advanced Projects, GE​

Co-Rapporteurs: **Michael Martin**, Prize Manager, IBM Watson on AI, XPRIZE; **Jose Maria Diaz Batanero, ITU** |
| ​**17:15 - 17:45** | **​Plenary 7: ‘Breakthrough’ Proposals on Common Good and Sustainable Living,***Popov Room*The rapporteurs of the ‘breakthrough groups’ will present their proposals on near-term, practical applications of AI to solve the challenges presented in their sessions.  |

**Day 3, 9 June 2017**

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| **​09:00 - 10:00** | **Plenary 8:  Poverty Reduction and Capacity Building,***Popov Room*This session will examine how AI can help end deprivation and the dangers of poverty. In addition, it will explore the opportunity for all countries to participate in the development and application of AI. The goal is to avoid expanding the “digital divide” into an “intelligence divide.”Speakers: * **Pedro Domingos**, Professor of Computer Science and Engineering, University of Washington (remote) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/domingos.aspx) ]
* **Anders Sandberg**, James Martin Research Fellow, Future of Humanity Institute, at University of Oxford
* **Robert Opp**, Director, Innovation and Change Management, WFP​ [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/opp.aspx) ]
* **Padmanabhan Anandan,** Vice President for Research, Adobe​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/anandan.aspx) ]

​Moderator: **Anja Kaspersen**, Head of Strategic Engagement and New Technologies, International Committee of the Red Cross​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/kaspersen.aspx) ] |
| ​​**10:00 - 10:30** ​ | ***Coffee break***​, *Tower building, Outside Popov room, -2ndfloor* |
| **10:30 - 12:00** ​ |
| ​​ **Breakthrough Groups on Poverty Reduction**  | ​ **Breakthrough Groups on Capacity Building**​ |
| [**Ending Hunger**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg3-1)*Room H*Lead: WFP, IFADModerator: **Robert Opp**, Director, Innovation and Change Management, WFP [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/opp.aspx) ]Panelists:* **Andrew Zolli,** Planet Labs (Remote)
* **Zenia Tata**, Global International Development, XPRIZE [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/tata.aspx) ]

Co-Rapporteurs: **Johanna Jochim**,Special Projects Manager, WFP; **Jamie Green**, Innovation Accelerator Projects Manager,WFP  | [**Disaster Prevention and Relief**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg3-2)*Room K*Lead: UNICEFModerator: **Louise Story**, New York Times Panelists:* **Katherine Maher**, Executive Director, Wikimedia Foundation
* **Rob Nail,** CEO, Singularity University
* **Pablo Rodriguez,** CEO, Telefonica Alpha
* **Chris Fabian**, Principal Advisor, UNICEF Innovation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/fabian.aspx) ]

Rapporteur: **Paul Bunje**, Chief Scientist, XPRIZE [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/bunje.aspx) ]  | [**Education**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg3-3)*Popov Room*Lead: UNESCO, UNITAR, WIPO, UNICRICo-Moderator: **Alex Mejia**, Senior Manager, UNITAR; **Fengchun Miao**, Chief of ICT in Education, UNESCO Speakers:* **F​rançois Taddei,** Professor, Paris Descartes University

Panelists:* **Cynthia Breazeal**, Professor, MIT Media Lab [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/breazeal.aspx) ]
* **Mark R. Nelson**, Executive Director, computer Science Teachers Association (CSTA) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/nelson.aspx) ]
* **François Taddei**, Professor of Paris Descartes University, UNESCO Chair in Learning Sciences
* **Robin Murphy**, Professor, Texas A&M University​, Founder, Roboticists Without Borders [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/murphy.robin.aspx) ]
* **Adam Klaptocz**, Co-founder and CTO, WeRobotics
* **Luis Gallegos**, Professor, Institute for Public Policy, American University
 | ​ [**Promoting Equality in Access to AI**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg3-4)*Room C*Lead: OHCHR, UNIDO, ITU, Amnesty internationalModerator: **Sherif Elsayed-Ali**, Head of Technology and Human Rights, Amnesty InternationalSpeakers:* **Lydia Nicholas**, Senior Researcher, Collective Intelligence Nesta
* **Malavika Jayaram**, Executive Director, Digital Asia Hub

​Panelists:* **Frederike Kaltheuner**, Policy Officer, Privacy International​
* **Lorna McGregor**, Co-Director, Human Rights, Big Data & Technology Project, University of Essex

Rapporteur: **Ahmed Motala**, Human Rights Officer, OHCHR​ |
| **​12:00 - 12:30** | **Plenary 9: ‘Breakthrough’ Proposals on Poverty Reduction and Capacity Building,***Popov Room*The rapporteurs of the ‘breakthrough groups’ will present their proposals on near-term, practical applications of AI to solve the challenges presented in their session.  |
| **12:30 - 13:30** | ***​Lunch break***Brown bag lunch offered to delegates, *Tower building, Outside Popov Room, -2ndfloor* |
| **​13:30 - 14:30** | **Plenary 10: Investments, Economic Aspects and Designing the Future,***Popov Room*Government, industry, academia, private sector and civil society need to work together to mitigate the risks posed by AI, ensuring that AI benefits all of humanity. This session will explore how Global partnerships inclusive of all segments of society will offer crucial support to the pursuit of this goal.Speakers: * **Ian Goodfellow**, Research Scientist, Google Brain (remote) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/goodfellow.aspx) ]
* **Neil Sahota,** World Wide Business Development Leader, IBM Watson [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/sahota.aspx) ]
* **Eric Horvitz**, Technical Fellow and Managing Director, Microsoft Research (remote)​

Moderator: **Andy Chen**, Board Chair, IEEE Computer Society [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/chen.andy.aspx) ]  |
| **14:30 - 16:00** |  |  |  |  |
| ​ **Breakthrough Groups on investment and Economic Aspects**  | ​ **Breakthrough Groups on Designing the Future**​ |
| [**I​nvesting for Impact with AI​**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg4-1)*Room H*               Lead: **Ash Fontana**, Managing Director, Zetta Ventures [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/fontana.aspx) ] Moderator: **Ash Fontana**, Managing Director, Zetta Ventures [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/fontana.aspx) ] Panelists: * **Christian Steinruecken**, CTO of Invenia and King’s College, Cambridge
* **Sven Strohband**, CTO of Khosla Ventures
* **David Hunter**, CEO of Optimal Agriculture [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/hunter.aspx) ]

Rapporteur: **TBD** | [**KPI for Success​**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg4-2)*Room K*​Lead: XPRIZE Co-Moderators: **Nicholas Davis**, Head of Society and Innovation, World Economic Forum [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/davis.aspx) ]; **Louise Story**, New York Times (TBC) Panelists: * **Chris Fabian**, Co-Founder, UNICEF Innovation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/fabian.aspx) ]
* **Marcus Shingles**, CEO, XPRIZE Foundation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/shingles.aspx) ]
* **Nicholas Davis**, Head of Society and Innovation, World Economic Forum[ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/davis.aspx) ]
* **Sean McGregor**, Oregon State University

Rapporteur: **Sean McGregor**, Oregon State University | [**Approaches by governments, Industries, and other stakeholders**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg4-2)*Room C*Lead:**Lynne Parker**, Professor, University of Tennessee-Knoxville[ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/parker.lynne.aspx) ]Panelists: * **Ekkhard Ernst**, Chief of the Macroeconomic Policies and Jobs Unit, Research Department, ILO [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/ekkehard.aspx) ]
* **Konstantinos Karachalios**, Managing Director, IEEE Standards Association [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/karachalios.aspx) ]
* **Anja Kaspersen**, Head of Strategic Engagement and New Technologies, International Committee of the Red Cross [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/kaspersen.aspx) ]
* **Jonggun Lee,**Data Scientist**,**UN Global Pulse
* **Francesca Rossi,**Professor at University of Padova, and Research Scientist at IBM Watson​ [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/rossi.aspx) ]
* **Uyi Stewart,**Head of Strategy and Data**,**Bill and Melinda Gates Foundation

Rapporteur: **Preetam Maloor**​, Strategy and Policy Advisor, ITU​ | [**Roadmap for Collaboration​**](https://www.itu.int/en/ITU-T/AI/Pages/201706-programme.aspx#bg4-4)*Popov Room*                 Lead: XPRIZE and ITU Co-Moderators: **Zenia Tata**, Global International Development, XPRIZE Foundation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/tata.aspx) ]; **Paul Bunje**, Chief Scientist at XPRIZE [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/bunje.aspx) ] Panelists:  * **Chaesub Lee**, Director of Telecommunication Standardization Bureau, ITU​ [ [Biography](https://www.itu.int/en/ITU-T/tsbdir/Pages/default.aspx) ]
* **Gary Marcus**, Professor of Psychology and Neural Science, New York University​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/marcus.aspx) ]
* **Peter Marx**, Vice President, Advanced Projects, GE
* **Robin Murphy,**Professor Texas A&M University, and Founder of Roboticists Without Borders​ [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/murphy.robin.aspx) ]
* **Robert Opp**​, Director of Innovation and Change Management at the United Nations World Food Programme (WFP)​​ (TBC) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/opp.aspx) ]

Rapporteurs: **Zenia Tata**, Global International Development, XPRIZE Foundation [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/tata.aspx) ]; **Paul Bunje**, Chief Scientist at XPRIZE; XPRIZE [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/bunje.aspx) ]​  |
| **​16:00 - 16:30** | ***​Coffee break,****Tower building, Outside Popov room, -2ndfloor​* |
| ​**16:30 - 17:00** | **Plenary 11: ‘Breakthrough’ proposals on investments, economic aspects and designing the future,**​*Popov Room*The rapporteurs of the ‘breakthrough groups’ will present their proposals on near-term, practical applications of AI to solve the challenges presented in their sessions.  |
| **17:00 - 18:00** | **Plenary 12: Closing Session - Applying AI for Good,**​*Popov Room*Drawing on all of the proposals from the ‘Breakthrough Sessions’, the Summit will propose strategies for: 1. Development of applications and systems that benefit humanity
2. Identifying opportunities to pinpoint practical and impactful applications, with impact in the near term
3. Identifying a roadmap for ethical, safe, and democratic access
4. Ongoing UN ITU and XPRIZE inspired projects to support and monitor the practical implementations of AI for Good

Speakers: * **Peter Norvig**, Director of Research, Google (remote) [ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/norvig.aspx) ]
* **Stuart Russell**, Professor of Computer Science and Smith-Zadeh Professor in Engineering, University of California, Berkeley [ [Biography​](https://www.itu.int/en/ITU-T/AI/Pages/russell.aspx) ]
* **Eric Horvitz**, Technical Fellow and Managing Director, Microsoft Research (remote)​
* **Marcus Shingles**, CEO, XPRIZE Foundation**​**[ [Biography](https://www.itu.int/en/ITU-T/AI/Pages/shingles.aspx) ]**​**
* **Houlin Zhao**, Secretary-General, ITU [ [Biography​](https://www.itu.int/en/osg/Pages/biography-zhao.aspx) ]
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