ITUEVENTS

AI for Good Global Summit

15–17 May 2018
Geneva, Switzerland

Accelerating progress towards the SDGs

#AIforGood

In partnership with

XPRIZE

acm

Organized by

ITU

GOAL OF 2018 AI SUMMIT

AI for GOOD
GLOBAL SUMMIT

- identify **practical applications of AI** with the potential to **accelerate progress** towards the **United Nations' Sustainable Development Goals**.

- formulate strategies to ensure **trusted**, **safe** and **inclusive** development of AI technologies and **equitable** access to their benefits.

SUMMIT SNAPSHOT

AI for GOOD
GLOBAL SUMMIT

- 3 day summit on 15-17 May 2018, +- 400 people
- **Partners:** XPRIZE, ACM & sister UN agencies
- **Day 1:** Plenary with AI/SDG storytellers, show & tell, AI implementations, & interactive panels
- **Day 2:** Action-oriented sessions, curated by 'AI Breakthrough Teams'
- **Day 3:** Breakthrough pitches in plenary, real-time feedback, action-oriented next steps, match-making & closing keynotes

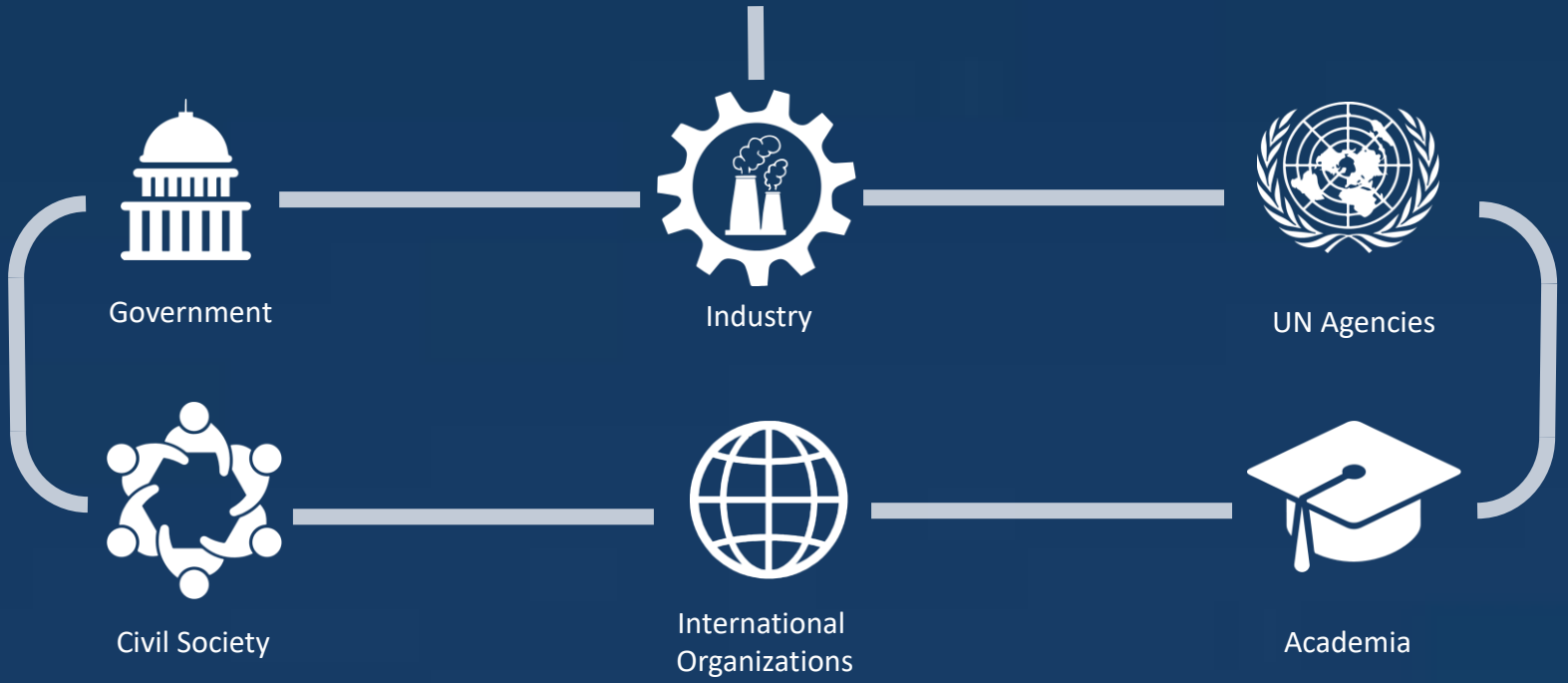
2017 PARTICIPANTS

AI for GOOD
GLOBAL SUMMIT

- 499 participants
- 93 countries
- 32% women
- +5000 webcast
- Multi-stakeholder
- Interdisciplinary

- 43% Industry
- 29% UN & NGOs
- 13% Academia
- 9% Government
- 3% Exhibitors
- 3% Media

MULTI-STAKEHOLDER APPROACH



27 UN PARTNERS

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OVER 3 DAYS, WE HAVE A
COMPREHENSIVE PROGRAM OF...

DRAFT AGENDA – Day 1

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- Welcome address
- Plenary 1
  - AI/SDG 'Storytellers'
  - Interactive panels: AI state of play + Transformation on Horizon
- Plenary 2
  - Innovative applications of AI & Data Science in the field
  - Good Data exchange
- Plenary 3
  - AI breakthroughs that can impact and accelerate SDGs
  - Presentation of AI Breakthrough teams

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Day 2 - BREAKTHROUGH TEAMS

The heart of the Summit…

4 AI Teams curate tracks & propose ideas for action

Address global challenges (SDGs) solved with a unique aspect of AI

Framing of issues, key research, insights + show & tell

Interactive sessions with Mentors

Ideas for action, evaluated by feedback panel & mentors

AI BREAKTHROUGH TEAMS

AI satellite imagery for crisis management

AI powered good health and well being

Trust in AI

AI citizen services in Smart cities

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Day 2 - 5 AI BREAKTHROUGH TEAMS

Team 1: AI satellite imagery for crisis management

Chair

Stuart J. Russell
Professor of Electrical Engg. & Computer Sciences, UC-Berkeley

Aim

- To overcome bottlenecks at the nexus of AI and satellite/aerial Imagery.
- Identifying pathways for practical projects.

Subject Areas

- Identifying poverty.
- Predict and assessing disasters – floods / air quality.
- Forecasting crops yield.

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Day 2 - 4 AI BREAKTHROUGH TEAMS

Team 2: AI powered good health and well being

Chair

Marcel Salathé
Associate Professor and Head of Digital Epidemiology Lab, École polytechnique fédérale de Lausanne (EPFL)

Ramesh Krishnamurthy
Senior Advisor, World Health Organization (WHO)

Aim

- To identify AI implications in diagnosis, treatment, and prevention.
- Identifying pathways for practical projects.

Subject Areas

- Remote monitoring and diagnostics at mobile clinic.
- Rapid response in health emergencies and epidemics using social media and/or google search.
- Data for AI can be collected by using Chatbots in health education and early prevention.

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Day 2 - 4 AI BREAKTHROUGH TEAMS

Team 3: AI citizen services in Smart cities

Chair

Renato de Castro
Suiphos, Smart Urban Control System,
Universitat Autònoma de Barcelona

Aim

- To identify AI implications to make life better for citizens.
- Identifying pathways for practical projects.

Subject Areas

- To make self-driving cars work in chaotic traffic.
- Predict and mitigate aggravated air pollution.
- Traffic management – using cell phones to predict traffic congestion.

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Day 2 - 4 AI BREAKTHROUGH TEAMS

Team 4: Trust in AI

Chair	Aim	Subject Areas
Francesca Rossi Professor at University of Padova, and Research Scientist at IBM Watson	▪ To improve transparency and traceability in order to remove bias.	▪ Human-machine collaboration. ▪ Safety and Security. ▪ Data sources.

Stephen Cave
Executive Director,
Leverhulme Centre for the Future of Intelligence at University of Cambridge

Huw Price
Professor of Philosophy,
University of Cambridge

DRAFT AGENDA - DAY 3

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- Plenary 1
  - 5 AI team elevator pitches
  - Wild cards
- Plenary 2
  - Presentation of feedback results
  - Impact & action
- WTISD celebration lunch
- Plenary 3
  - Closing keynotes

With more than

MEET THE 2018 EXPERTS

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GLOBAL SUMMIT

Houlin Zhao
Secretary General, ITU

Anousheh Ansari
Chairman, XPRIZE Foundation and Space Ambassador

Vicki Hanson
President, Association for Computing Machinery

H.E. Eng. Abdullah Alswaha
Minister of Communication & Information Technology, Kingdom of Saudi Arabia

Christopher Bishop
Microsoft Technical Fellow and the Laboratory Director, Microsoft Research Cambridge

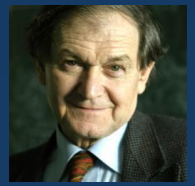
Tedros Adhanom Ghebreyesus
Director General, WHO

Mukhisa Kituyi
Secretary General, UNCTAD

Michael Moller
Under Secretary-General, UN

Yves Daccord
Director General, International Committee of the Red Cross (ICRC)

Silvio Micali
Turing Award Winner and Professor of Engineering, Computer Science and Artificial Intelligence Laboratory at MIT



Roger Penrose
Emeritus Rouse Ball Professor of Mathematics, University of Oxford

Stuart Russell
Professor of Electrical Engineering and Computer Sciences, UC-Berkeley

Francesca Rossi
Professor at University of Padova, and Research Scientist at IBM Watson

Ambassador Amandeep Singh Gill
Permanent Representative of India to the Conference on Disarmament; Taskforce on AI for India's Economic Transformation

Celine Herweijer
Partner, Innovation and Sustainability, PwC UK

Carolina Cosse
Minister of Industry, Energy and Mining, Uruguay

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Rob McCargow
Programme Leader - Artificial Intelligence, Technology & Investment, PwC UK

Stephen Cave
Executive Director, Leverhulme Centre for the Future of Intelligence at University of Cambridge

Terah Lyons
Executive Director, Partnership on AI

Manuela Veloso
Professor and Head of Machine Learning Department, Carnegie Mellon University

Uyi Stewart
Director of Global Development Strategy and Data & Analytics, Bill and Melinda Gates Foundation

Christopher Fabian
Co-Founder, UNICEF Innovation

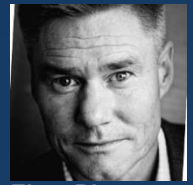
Wendell Wallach
Consultant, Ethicist, and Scholar at Yale University's Interdisciplinary Center for Bioethics

Elim Kay
CEO, Kay Family Foundation

David Li
Founder, Shenzhen Open Innovation Lab (SZOIL)

Bill Peduto
Mayor, City of Pittsburgh, USA

Kriti Sharma
VP of Artificial Intelligence, Sage



Einar Bjørgo
Manager, UN Operational Satellite Applications Programme (UNOSAT)

Thomas Wiegand
Professor, TU Berlin. Executive Director, Fraunhofer Heinrich Hertz Institute

Will Marshall
Co-Founder & CEO, Planet Labs

Anja Kaspersen
Director, United Nations Office for Disarmament Affairs

whurley
Founder & CEO, Strangeworks and Senior Member, IEEE

MEET THE 2018 EXPERTS

Hironori Kasahara
President, IEEE Computer Society, Professor of Computer Science and Engineering, Waseda University

Carla Dualib
Secretary of Communication and Press, Diadema City Hall, Brazil

Lars Bromley
Principal Analyst and Research Advisor, UNOSAT

Marcel Salathé
Associate Professor and Head of Digital Epidemiology Lab, École polytechnique fédérale de Lausanne (EPFL)

Wolfram Burgard
Professor of Computer Science and Head of Autonomous Intelligent Systems Lab, University of Freiburg

James Crawford
CEO and Founder, Orbital Insight

Andy Chen
VP of Professional and Educational Activities, IEEE Computer Society, Partner, REDDS Venture Investment Partners, President, Catronic Enterprise

Ramesh Krishnamurthy
Senior Advisor, World Health Organization (WHO)

Huw Price
Professor of Philosophy, University of Cambridge

Stephen Ibaraki
Managing partner, REDDS.
Co-Chairman, ACM Practitioner Board.
Founding Chairman, IFIP Global Industry Council.

Renato De Castro
Founder and board member, City SmartUp

Amir Banifatemi
AI Lead, XPRIZE

Frits Bussemaker
Chair, Institute for Accountability and Internet Democracy (IAID)

Mike Hinchey
President, International Federation for Information Processing (IFIP) and Professor of Software Engineering, University of Limerick

Richard E Baldwin
Professor of International Economics, The Graduate Institute of International and Development Studies

Akihiro Nakao
Professor in Applied Computer Science, University of Tokyo

MEET THE 2018 EXPERTS

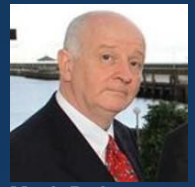
Maurizio Vecchione
Executive Vice President of Global Good and Research, Intellectual Ventures

Marshall Burke
Assistant Professor, Department of Earth System Science, Stanford University; Research Fellow, National Bureau of Economic Research

Sophia & David Hanson
Founder and CEO, Hanson Robotics

Robert Opp
Director of Innovation and Change Management Division, WFP

Brian Markwalter
Senior Vice President of Research and Standards, Consumer Technoloy Association (CTA)



Mark Doherty
Head of Earth Observation Exploitation Development Division, European Space Agency

Toufi Saliba
CEO, PrivacyShell & TodaCorp

Trent McConaghy
Founder, Ocean Protocol and Founder & CTO, BigchainDB

Paul Copping
Chief Innovation Officer, Digital Greenwich

Neil Sahota
World Wide Business Development Leader, IBM Watson

Andrew Zolli
VP of Global Impact Initiatives, Planet Inc.

COMMITTEES

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Steering Committee

Reinhard Scholl
ITU

Amir Banifatemi
XPRIZE

Fred Werner
ITU

Program Committee

Reinhard Scholl
ITU

Amir Banifatemi
XPRIZE

Stephen Ibaraki
ACM

Vicki Hanson
ACM

Stuart Russell
UC-Berkeley

Anja Kaspersen
UNOD

Thomas Wiegand
Fraunhofer /TU Berlin

Outreach Committee

Fred Werner
ITU

Stephen Ibaraki
ACM

Neil Sahota
IBM Watson

Elim Kay

Frits Bussemaker
Institute for Accountability and
Internet Democracy (IAID)

EXHIBITION & DEMOS

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- Exhibit area outside Popov
- Open to sponsors, universities, XPRIZE competitors, start-ups, etc…

EXHIBITION & DEMOS

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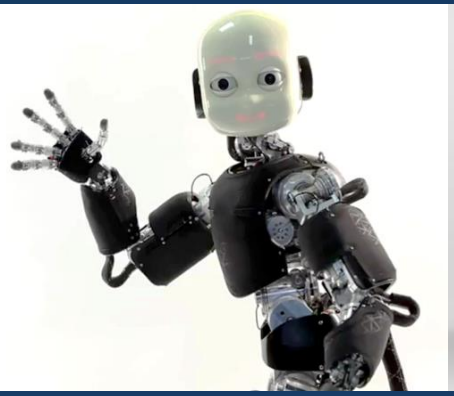
Demos include:

Sophia

ICUB



Kiwi

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Bronze Sponsor

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Contributor

Deloitte.

2017 MEDIA COVERAGE

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- **47 Accredited press** in attendance + documentary producer
- Estimated “potential cumulative” media reach **+300 Million**
- ITU goes viral with Sophia interview **+3.5 million views**
- **#1 trending** in Switzerland

euronews. REUTERS TV BBC ARD CCTV 中国中央电视台 CHINA CENTRAL TELEVISION CJR JOURNAL GQ EFE: ats L'information à la source. SWI swissinfo.ch AFP TELECOM Review telecomreview.com DIGITAL TRENDS disruptive views alphr A fresh take on technology ZEIT ONLINE DER TAGESSPIEGEL GLOBAL geneva Berliner Zeitung DONAUKURIER Blick Cyber Tales Synced nature CITY A.M. CRI CHINA RADIO INTERNATIONAL 中国国际广播电台 讀賣新聞 THE YOMIURI SHIMBUN WIRED PLURALITY PRESS Diva Intellectual Property Watch ВЕСТНИК СВЯЗИ Volt Film

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QUESTIONS?
For more info,
Visit our website
or Contact : AI@itu.int