



**DIGITALIZATION:
INTELLIGENT PATHWAYS**

Monday 2nd & Tuesday 3rd, October
2017

Winnipeg, Canada

Fairmont Winnipeg Hotel

 **EVOLVING PROGRAM**

Global Forum 2017 Organizers



THE UNIVERSITY OF
WINNIPEG

Sponsors & Support Partners



AIR CANADA

THE
Great-West Life
ASSURANCE  COMPANY



Morgan Lewis

ActiveMedia



Worldcrunch
all news is global



millennia2025
Foundation
WeObservatory

TOP³
TECHNOLOGY OF PEACE



The program is constantly evolving in order to accommodate the interests of Global Forum 2017 speakers and participants, as well as to take into account the rapidly changing dynamics of the information technologies market.

12/09/2017- Topics Program V38- Global Forum 2017 - ITEMS International

Sunday October 1st 2017

Welcome Event 6:00 pm

Monday October 2nd MORNING 8:45 am-12:45 pm

Welcome Addresses [8:45 am – 9:15 am]

Opening Session: Future Vision [9:15 am – 11:00 am]

Digitalization & a flourishing digital economy is widely recognized by market experts as one the most powerful means to address the challenges of innovation, low growth and durable high unemployment all over the world. It is also recognized that a holistic approach encompassing all issues and their interplay is needed. The digital economy will only flourish if there is focus on the whole of its eco-system – the most important ones being e-infrastructure, e-skills/e-literacy, e-security/e-privacy and e-content.

Throughout its sessions Global Forum 2017 will touch upon recent developments within this eco-system and discuss new opportunities and challenges.

Coffee Break [11:00 am – 11:15 am]

S1: Agile Infrastructures; Evolution of Connectivity: The Future of Networks & the Cloud [11:15 am – 12:45 pm]

Networks and Cloud are the main pillars of the eco-system of the digital economy and an essential prerequisite for the provision of applications and services. This session will discuss recent developments and what is to be expected in the near future.

- Next-generation Networks (Internet of Things, Wireless Networks, Satellite, Software Defined Networks ...)
- 5G: Switching to Ubiquitous Networks
- High-Speed Internet Everywhere for Everyone & Mobility: Bridging the Gap
- IPV6
- Cloud Computing: Software Defined Network vs Automation, and Hybrid
- New Drivers of Network Traffic
- Connectivity the user's experiences

Lunch [12:45 pm – 2:00 pm]

Our societies become inexorably more complex over time. The rate of increase in societal complexity is accelerating. Digital technologies are providing more and more tools to empower users and businesses. And yet, many consumers are increasingly frustrated when those tools do not live up to their potential. Some are too hard to use. Others are unreliable or constantly in need of updating and patching. Too often, different programs or software do not interoperate properly. Worse, users and businesses cannot be sure that the data they input into their smartphones and computers is probably protected. The growth of the Cloud offers solutions to some of these problems--but only if IT companies and Internet providers can better address the challenges of security, privacy, reliability, and ease-of-use.

Keynote Session: [2:00 pm – 2:40 pm]

S2: Safety, Security & Privacy in an Hyperconnected Society & Economy [2:45 pm – 4:15 pm]

Digital technology has created our complex society. On the other hand, the increasing number of successful attacks on our social institutions should be a source of concern for every citizen of the world. So, the challenge is to develop effective methods and technologies to ensure the safety and security of our interconnected way of life. This session will present a broad survey of the innovative ideas and approaches to the security of business and private data; in all of its forms, and in all circumstances.

- Strategic Cyber Risk Governance
- Trust & Confidence: Different Visions & Perspectives
- Resilient Networks
- Cyber Across the Spectrum of National and Cultural Diversity
- Current Investments in Cybersecurity & Digital Criminality: Impacts on Competitiveness
- Mobile, Sensors, IoT, Blockchain...: Reimagining Security & Privacy concerns?
- Risk Management: Insurance Products & Services of Tomorrow

Coffee Break [4:15 pm – 4:30 pm]

The program is constantly evolving in order to accommodate the interests of Global Forum 2017 speakers and participants, as well as to take into account the rapidly changing dynamics of the information technologies market.

12/09/2017– Topics Program V38– Global Forum 2017 – ITEMS International

Monday October 2nd AFTERNOON (Follow-up)

S3: Future Trends in Artificial Intelligence & Data [4:30 pm – 6:00 pm]

- Business Intelligence and Analytics
- New developments in Cognitive Computing Machine Learning, Deep Learning ...
- Robotics
- AI Applications in (Commerce, Agriculture, Financial Industry, Games & Interactive Digital Entertainment Energy & Environment, Empowering Citizenry...)
- Algorithmic Governance

S4: Public Policy & Regulation [4:30 pm – 6:00 pm]

- Identity and Privacy in an Hyper-connected World (Multiplayers / Multisector)
- Internet Governance
- Standardizations / Self-Regulation
- Spectrum Issues (5G, IOT...)
- Open Internet and Network Neutrality
- Privacy issues

GALA DINNER 7:30 pm to 11:00 pm

Tuesday October 3rd MORNING 9:00 am – 11:30 am

Keynote Opening Session Day 2 [9:00 am – 10:00 am]

A person's world is defined by what they know. Hence, coordinated programs of education are traditionally the engines for social change. The digital age is infinitely fast-moving. Its citizenry is inundated by daily floods of information and hazards lurk everywhere in cyberspace. The challenge is to ensure sufficient digital literacy to enable the world's citizens to make informed choices about things that are critical to their well-being. That task requires innovative ideas, and concepts to underwrite global education, training and awareness requirements. This session will consider.

- Keeping up with the digital revolution; ensuring digital literacy
- Ensuring trust in digital sources: learning how to filter good information from the spurious
- Ensuring trust in global interaction: learning how to be safe and secure in cyberspace
- Ensuring an appropriately skilled workforce; leave no worker behind
- The impacts and hazards of digital technology; ensuring safety and security
- Innovating for social change in the digital world; thinking outside the box

S5: Innovation for Society [10:00am- 11:30 am]

Innovation is more than ever the driving force for addressing our most pressing problems relating to climate, environment, economy as well as society. It is no longer a linear process in which a clever management of science, engineering and entrepreneurship leads to success, but rather a living laboratory in which the whole society is dynamically involved. The drivers of innovation have changed from the past, and we must not only understand them but also harness them for economic and societal sustainability. This session will discuss how to "innovate innovation" for responding to change and enhance prosperity for people and organizations.

- Open Innovation Ecosystems
- Engagement Platforms and Environments
- Jobs, Education & Training
- City & Communities as living labs
- Disruptive & Sustainable Innovation
- Adapting Regulation & Standards
- New Professions for Innovation

S6: Intelligent Cities, Regions & Communities [10:00 am – 11:30 am]

- Intelligent City & Region for Sustainable Growth (Clusters, Megacities...)
- Urban Sustainability & Connected Technology
- Sustainable Transport Ecosystem
- Smart & Green Mobility
- Empowering Rural Areas
- Rethinking Urban Mobility
- Energy: Rethinking Power Supply with Smart Grids
- Intelligent Buildings

Coffee Break [11:30 am – 11:45 am]

Tuesday October 3rd (Follow-up)

S7: Digitalization in Healthcare [11:45 am – 1:15 pm]

- Healthcare & Social Services (including Robotisation, Artificial Intelligence & Virtual Reality)
- Personalization of Healthcare
- Privacy issues
- Trusted Data
- Securing Welfare with Digitalization: patient monitoring via mobile devices for cost savings
- Mobile Health & Telemedicine
- Big Data, Health Data, Virtual Reality, Augmented Reality (VR/AR) Cloud Computing
- Securing Data and Systems
- e-Patients : Wearables for predictive and monitoring
- Connected Health
- Intelligent Healthcare

S8: Industry 4.0 [11:45 am – 1:15 pm]

- Facts and New Reality in Industry 4.0: Impact of Digitalization on Organization, on Work, On Skills Planning
- Circular Economy
- Internet & Technology Connecting Micro-Enterprises to the Global Economy
- Global Supply Chains
- Mobility 4.0: Integrated & Intelligent Transport
- Digitalization Transforming the Manufacturing Sector The New Production Modes
- Evolving Smart Factories (Cobotic)
- Automation, Opportunities & Safety Issues; Liability & Insurance
- Value Chain Disruption = New Business Models
- Procurement 4.0

Lunch [1:15 pm – 2:15 pm]

Tuesday October 3rd Afternoon

S9: Digital Agri-Business Ecosystem [2:35 pm – 4:00 pm]

Digital agriculture is a reality. There are more and more electronic components on farms. Smartphones and tablets are used daily by farmers to help them make decisions. Consumers learn more about the origin and quality of food, and the citizen feels more and more concerned with respect for the environment. Public policies and research work on the major global challenges: the impacts of climate change, potentialities in renewable energy production, food security at the worldwide level ..., to improve prevention models and to better anticipate the protection of populations. All these subjects which are very close with agriculture represent an important potential for innovation and growth, and this is no longer conceivable without the contributions and promises of digital technology.

- Innovation Requested: 9 Billions Human Beings to Feed Tomorrow
- Agribusiness key figures
- Climate Digital Tools for Agribusiness
- Green & Responsible Agriculture; Environmental Protection
- Artificial intelligence for Agriculture
- Connecting Brands and Retailers Through Smarter Data; Security, Tracking & Traceability
- Big data : Role of Public organizations for a Proper Use of Agricultural Data
- Develop a Value-Creating Ecosystem and Start-up Incubators

S10: Women in Digital Services [2:35 pm – 4:00 pm]

A panel of international women executives discusses success trends for raising female profiles and accomplishment rates across information technology digital services practices.

- Women successes in Digital Services
- Discuss a three-pronged approach to female-targeted education and exposure of IT Digital Services concepts
- Goal: Identify success factors of each approach in an interactive setting with both panelists and session participants

Registration Form

Please complete one Registration Form per participant

Registration fees cover admission to all meetings and events

MONDAY 2nd & TUESDAY 3rd OCTOBER 2017, WINNIPEG, CANADA

FAX TO:
ITEMS International
GLOBAL FORUM 2017
FAX: +33 (0) 1 41 08 94 27

globalforum@items-int.eu
or MAIL TO:
ITEMS International/GLOBAL FORUM 2017
6, rue Jean Baptiste Potin, 92170 Vanves - France

I WILL ATTEND THIS FORUM I cannot attend this year, but here is my current information:

COMPANY..... VAT Company/Organization Number.....
NAME..... FIRST NAME.....
TITLE/POSITION.....
STREET.....
CITY/ZIP..... STATE..... COUNTRY.....
TEL..... FAX.....
EMAIL.....

FEE* Taxes not included	IF PAID <u>BEFORE</u> AUGUST 30 th 2017	IF PAID <u>AFTER</u> AUGUST 30 th 2017
FIRST REGISTRANT	<input type="checkbox"/> Euro 1400	<input type="checkbox"/> Euro 1800
SME & ADDITIONAL REGISTRANT - 15 % DISCOUNT	<input type="checkbox"/> Euro 1190	<input type="checkbox"/> Euro 1530
GOVERNMENT & NON PROFIT - 50%	<input type="checkbox"/> Euro 700	<input type="checkbox"/> Euro 900

METHOD OF PAYMENT

Check, funds transfer, Master / Euro / Visa card

- Check payable to: ITEMS International
 Funds Transfer (we will invoice you with banking details)
 Credit Card Visa Master / Euro Card

Card Holder.....

Card N°..... Expiration date:/...../..... Verification
number:..... (the last 3 digits of the number printed on the reverse of the card)

Cancellation conditions:

If received **before Monday, September 2, 2017**, a cancellation fee of 100€ will be applied

If received **after Monday, September 2, 2017**, a cancellation fee of 50% of the registration fee will be applied.

After Monday, September 2017, no refund will be given and the claim for the full payment of all registration fees remains, respectively
All registration changes and cancellations must be communicated in written form, i.e. via email to globalforum@items-int.eu.

International Scientific Committee

EUROPE & MIDDLE EAST

Jørgen Abild Andersen, Founder & CEO Abild Andersen Consulting, Denmark; **Prof., Dr., Mansoor Ahmed Hasan Husain Alaali**, President, Ahlia University, Bahrain; **Ingrid Andersson**, Senior Executive Advisor, Patient Certificate Ltd, Sweden; **Jean-Pierre Chamoux**, Professor, University Paris Descartes, France; **Bruno Chazal**, Head of Core Market Telecommunications Programs, CNES - French Space Agency, France; **Mariane Cimino**, CEO, Group HOMECARE, France; **Yannick Fourastier**, Innovation Manager, Industry Design & Cybersecurity, Airbus Group Innovation, France; **John Giusti**, Chief Regulatory Officer, GSMA, United-Kingdom; **Stéphane Grumbach**, Senior Scientist, INRIA; Deputy director IXXI, Complex Systems Institute, ENS Lyon, France; **Michael Kendé**, Senior Advisor; Analysys Mason; **Hugo Kerschot**, Founder, IS- Practice, Belgium; **Latif Ladid**, President IPv6 Forum, Luxembourg; **Eric Legale**, Managing Director Issy Media, City of Issy-les-Moulineaux, France; **Suvi Linden**, Special Envoy, UN's Broadband Commission, Finland; **Ebrahim Malalla**, President Assistant for University Compliance, Ahlia University, Bahrain; **Hanne Melin**, Policy Strategy Counsel and Head, eBay Inc.Public Policy Lab EMEA, Belgium; **Desiree Miloshevic**, Senior Public Policy and International Affairs Adviser, Afiliias, Ireland; **Jeremy Millard**, Senior Consultant, Danish Technological Institute, Denmark; **Pascal Poitevin**, Digital Strategy Consultant, France; **Gérard Pogorel**, Professor of Economics and Management-Emeritus, Telecom ParisTech, France; **Alfredo M. Ronchi**, Secretary EC Medici Framework, Politecnico di Milano, Italy; **Claudia Sellì**, EU Affairs Director, AT&T; **Jean-François Soupizet**, Independent Consultant; Principal Advisor, Close the Gap, France; **Benedicte Suzan**, CIS, Technical Authority, R&T coordination & Innovation, Public Affairs, Airbus Defence and Space, France; **Jurgen van de Kemenade**, Member, Board of Directors, NxtVn Group, the Netherlands; **Colin Williams**, Director SBL, United-Kingdom

ASIA & OCEANIA

Nitya Karmakar, Peter Faber Business School, Faculty of Law and Business, Australian Catholic University, North Sydney Campus, Australia; **Rajkumar Prasad**, CEO Commonwealth Centre for e-Governance India; Founder President Institute for Electronic Governance & Development, India; **Chetan Sharma**, COO & Director, Datamation Group, India; **Yoshio Tanaka**, Professor Tokyo University of Science, Japan; **Makoto Yokozawa**, Professor of Joint Research Unit; Kyoto University, Japan; **Sarah Zhao**, Partner Perkins Coie LLP, China

NORTH AMERICA

Canada

Sylvie Albert, Dean of the Faculty of Business and Economics, University of Winnipeg, Canada; **Carter Cousineau**, Director of Operations and Business Development, the University of Winnipeg, Canada; **Greg Dandewich**, Senior Vice President, Economic Development Winnipeg, Canada; **Darren Fast**, Director of Technology Transfer, University of Manitoba, Canada; **Jason Fuith**, Chief of Staff, City of Winnipeg, Canada; **Kathy Knight**, CEO, ICTAM, Canada; **John Jung**, Chairman and Co-Founder, Intelligent Community Forum, Canada; **Doug McCartney**, Senior Executive Director, Science, Innovation and Business Development, Province of Manitoba, Canada; **Lorne Pelletier**, Director of Policy, Planning and External Relations, Western Economic Diversification, Canada; ;

USA

Stuart Brotman, Howard Distinguished Endowed Professor of Media Management and Law and Beaman Professor of Communication and Information, University of Tennessee, Knoxville, USA; **Don Davidson**, Acting Director Cybersecurity Risk Management, Office of the Deputy DOD-CIO for Cybersecurity (CS), US Department of Defense, USA; **Alan Elias**, Senior Manager, Global Public Policy, ebay Public Policy Lab, USA; **Jay E. Gillette**, Secretary Digital Policy Institute, Professor, Center for Information and Communication Sciences, Ball State University; **Julia Glidden**, General Manager, IBM Global Government Industry, USA; **Anna Gomez**, Partner & Attorney at Law Wiley Rein LLP, USA; **Laszlo Horvath**, President, Active Media, USA; **Joe Jarzombek**, Global Manager, Synopsys Software Integrity Group, USA; **Andrew D. Lipman**, Partner and Head of Telecom Group, Morgan, Lewis & Bockius, USA; **Samia Melhem**, Lead ICT Policy Specialist, Chair eDevelopment Group, Information and Communication Technologies Sector Unit, World Bank Group; **Brent Olson**, Vice President - Public Policy, AT&T, USA; **Murli Rajan**, Associate Dean, Kania School of Management, University of Scranton; **Ambassador Miriam Shapiro**, Senior Advisor, Finsbury, USA; **Alan Shark**, Executive Director, PTI – Public Technologies Institute, USA; **Daniel Shoemaker**, Full-time professor, University of Detroit Mercy (UDM); Senior Research Scientist and Principal Investigator at UDM's Center for Cybersecurity and Intelligence Studies (CCSIS), Director of the Information Assurance Program, USA; **Tamara Shoemaker**, Director UDM's Center for Cyber Security & Intel Studies, and Operations Manager for CISSE (Colloquium for Information System Security Education) USA; **Michaël Stankosky**, Research Professor, George Washington University, USA; **Theresa Swinehart**, Senior Advisor to the President on Global Strategy, ICANN - Internet Corporation for Assigned Names and Numbers; **Paul Wormeli**, Executive Director Emeritus Integrated Justice Information Systems (IJS) Institute, USA

AFRICA

Ali Kone, COO & Co-Founder, Coders4Africa Inc, USA; **Koffi Fabrice Djossou**, Africa Broadcast Satellite - South Africa; **Effat El Shooky**, Director, Women-To-Work Program, National Council For Women, Egypt; **Dorothy K. Gordon**, Director-General, Ghana-India Kofi Annan Centre of Excellence in ICT; **Anne-Rachel Inné**, VP Government Engagement, ICANN - Internet Corporation for Assigned Names and Numbers;

The program is constantly evolving in order to accommodate the interests of Global Forum 2017 speakers and participants, as well as to take into account the rapidly changing dynamics of the information technologies market.

12/09/2017– Topics Program V38– Global Forum 2017 – ITEMS International