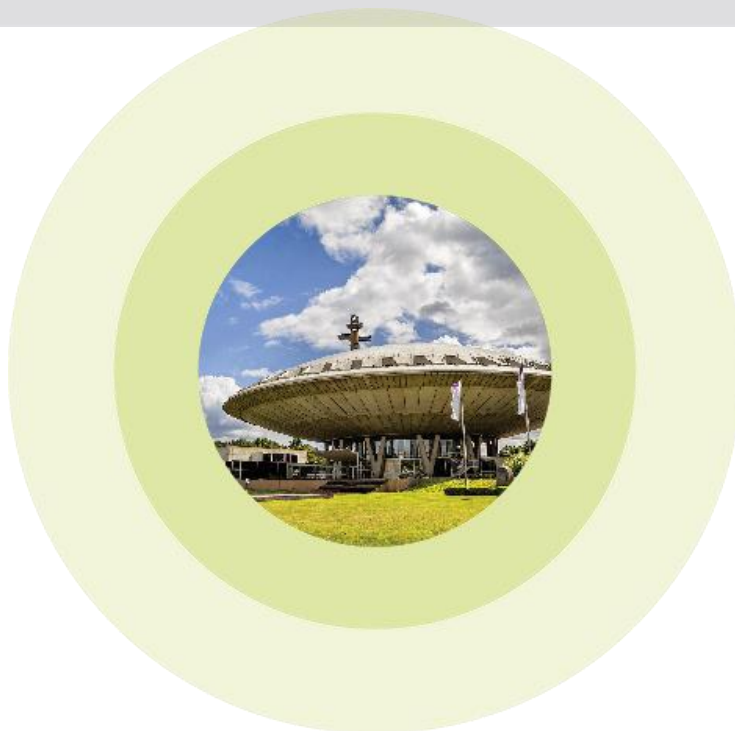


THE INTERNATIONAL THINK-TANK ON THE DIGITAL FUTURE



**DIGITALIZATION:
THE GLOBAL
TRANSFORMATION**
New Practices & Relationships

**Monday 19th & Tuesday 20th,
September 2016**
Evoluon Center, Eindhoven, Netherlands

EVOLVING PROGRAMME

The program is constantly evolving in order to accommodate the interests of Global Forum 2016 speakers and participants, as well as to take into account the rapidly changing dynamics of the information technologies market.

19/07/2016– Topics Program V43– Global Forum 2016 – ITEMS International

Global Forum 2016 Organizers, Sponsors & Support Partners



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19/07/2016- Topics Program V43- Global Forum 2016 - ITEMS International

Sunday September 18th 2016

Welcome Event 6:00 pm at Philips Museum offered by the City of Eindhoven

Monday September 19th AM 8:45 am-12:45 pm

Welcome Addresses [8:45 am – 9:15 am]

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

- Industrial Internet
- New Emerging Practices & Relationships
- Digital Impacts on Growth & Society in Europe and the US, Asia and BRICS
- Visions to Anticipate the Future
- Societal Impact on Digitalization
- How to Manage the re-balancing of Old and New Industrial Powers, and What Happens Next?

Coffee Break [11:00 am – 11:15 am]

S1: Infrastructures Challenges for Digitalization [11:15 am – 12:45 pm]

Technologies (open, seamless, available) & applications (communication at the consumer level. New model that puts the individual at the center rather than the device, which is only an extension of the network. Signals can come from the immediate environment of the individual (clothing needs, body regulation, ambient environment in the home and workplace).

- Driving Next-generation Networks
- 5G and its Vertical Markets: Challenges and Opportunities
- Creating an Information Sharing Environment
- Internet of Things and Big Data Challenging Infrastructures
- Industrial Strategies-Public & Private Visions
- New Wireless Networks Entrants
- Open & Interoperable Standards Based on Innovation
- IPV6

S2: Digital Health Revolution Improving Society [11:15 am – 12:45 pm]

- mHealth : Wireless Health
- Big Data, Health Data, Cloud Computing
- Privacy, Security & Trust
- e-Patients: Quantified Self and Self-tracking, Wearable Computing
- Health Condition Monitoring & Prediction
- Precision and, Connected Health
- Privacy & access of Health & Wellness Data

Lunch [12:45 pm – 2:00 pm]

Monday September 19th PM 2:00 PM – 6:00 PM

Keynote Session: [2:00 pm – 2:40 pm]

- Nature and impacts of cyber as a complex and self-adaptive socio-technical system: societal, economic, cultural and political.

S3: Cyber & Security [2:45 pm – 4:15 pm]

- Identity and Privacy in a Hyper-connected World
- Cyber, Security and Fundamental Human Rights
- Policing and Law Enforcement in the Context of Cyber as a Hyper-connected, Socio-technical System
- Forming a Societal, Legislative, Regulatory and Behavioral Response to the Transformations of Cyber Across the Spectrum of National and Cultural Diversity
- Crucial Investments in Cybersecurity & Digital Criminality
- Cybersecurity Research Key Element for Better Business Risk Management / CyberSecurity and Ethics
- Mobile, Sensors, Connect Object, IoT...: Reimagining Security & Privacy concerns?
- Cyber and the Transformations to the Power Relationships around Information

Coffee Break [4:15 pm – 4:30 pm]

S4: The Digital Industry: The Fourth Industrial Revolution and Societal Challenges [4:30 pm – 6:00 pm]

Now a Fourth Industrial Revolution is building on the Third, the digital revolution that has been occurring since the middle of the last century. It is characterized by a fusion of technologies that is blurring the lines between the physical, digital, and biological spheres”.

The fusion between the physical, digital, and biological worlds, has potentially tremendous implications for all of us, both huge opportunities and huge challenges, economically, socially, environmentally, politically.

- Facts and New Reality in Industry 4.0
- Emerging Trends & Industries Disruptions
- Research & Development: Revisiting Innovation in a Digital World
- Digital Modelling & Simulation
- Digital Human (*at the human, personal, individual level, how we as people are changing, our identities, our relationships, the way we think and act. Many parts of industry are aware and working with these issues*)

S5: Reevaluating Policies & Regulation [4:30 pm – 6:00 pm]

- Impact of Convergence (Telecom, Media, OTT) on Consumer Choice and Competition
- Dealing with Multi-Player, Multi-Sector Regulation and Market Review
- Telecom Framework Review: Will Europe Deliver a True Regulatory Refresh or Maintain the Status Quo?
- Open Internet and Data prioritization
- Digital Single Market and Copyright: Ending the 28 Silos in the EU?
- Does Today's Spectrum Policy Model Address the Potential Business Cases for 5G?
- Regulation in a Global Environment – National, Regional or International?
- Societal & Industry Challenge: Increasing Focus on Innovation and Investment
- Data privacy : Significant changes in Policies choices and the role of regulation

GALA DINNER 7:30 pm to 11:00 pm

Tuesday September 20th AM 9:00 am – 11:30 am

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

- ICT for Development (ICT4D)
- Education & Knowledge: Keys for Human and Economic Development
- Digital Education: Linking Basic Open Education in “Our Schools”
- ICT Accessibility

S6: Innovation / Open Innovation in a Digital World [10:00 am – 11:30 am]

- Agile Innovation (FabLab, Crowdsourcing & Crowdfunding, Open Source Design.....)
- The Generation of Makers
- Frugal Innovation - a New Business Model
- Innovation Gathering
- The Software Developer: the Open Innovation Linchpin
- Cohesion between Policy, Research & Innovation
- Open & Big Data: Key Tools for Growth & Innovation
- Economy of Platforms & Disruptive Innovations
- Ecosystems & Accelerators
- Social, Economic & Environmental Impacts
- Open Innovation in Traditional Sectors (bank, industry, food, cities ...)
- Innovation & Standardization

S7: Workshop Cyber and Supply Chain [10:00 am – 11:30 am]

We (our enterprises) are all increasingly dependent on «Commercial Off The Shelf » (COTS) products & services that are manufactured and sourced globally. Discussion will include hardware assurance (micro-electronic counterfeits), software assurance, assured services, supply chain risk management (SCRM) and specific application of SCRM on industrial control systems (ICS) in our critical infrastructure(s).

- Security of /within the Cyber Supply Chain
- Security of the Availability of Cyber for Other Supply Chains –
The ability of the supply chain(s) across the connected global economy to rely on the ubiquity and interconnectedness of the underpinning technical dimensions of cyber
- Liability of Suppliers and Service Providers

Tuesday September 20th AM 11:45 am – 1:15 pm

S8: Smart City & Region [11:45 am – 1:15 pm]

- Smart City & Region: Primary Actors for Sustainable Growth
- Smart Energy
- Smart Urbanization
- Smart Mobility
- Smart Living
- Cities for Increased Efficiency
- Blurred Boundaries between Public & Private Sectors

S9: The Data Revolution [11:45 am – 1:15 pm]

Session co-organized with BYTE project

- New actors, and New partnerships with Data Revolution:
 - Agriculture
 - Finance
 - Entertainment
 - Environment...
 - Cities, regions..
- Internet of Everything, Real-Time Analytics & Big Data
- Big / Open Data: Monetization / Data Value Chain
- Health and Human Services Open Data Portal
- Regulation Impact / Public Policies issues / Government Surveillance & Access to Personal Data
- Data Revolution for Sustainable Development
- Data Mining and Knowledge Discovery for Better Business Intelligence

S10: DIGITAL COMMUNITIES [11:45 am – 1:15 pm]

Session co-organized with Millennia2025 Foundation WeObservatory

Initiated at the Global Forum 2015, the Digital Communities sessions aim at examining how communities are impacting the digital development, how they are impacting the digital future, how they are defining themselves their own needs—with a focus on women.

This year the dialogue with the speakers and the participants continues with a focus on "New Practices & Relationships" from policy, technical and field projects of the communities.

Lunch [1:15 pm – 2:15 pm]

International Steering Committee

EUROPE & MIDDLE EAST

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; **Isabella de Michelis di Slonghello**, CEO High Pulse, Switzerland; **Denis Gardin**, Senior Vice-President, New Technology Ventures & Managing Director, President of TESTIA, Airbus Group Corporate Technical Office, France; Julia Glidden, Managing Director, 21C United-Kingdom; **John Giusti**, Chief Regulatory Officer, GSMA, United-Kingdom; **Stéphane Grumbach**, Senior Scientist, INRIA; Deputy director IXXI, Complex Systems Institute, ENS Lyon, France; **Mark Horne**, Managing Director, Coutts Weston Limited, United-Kingdom; **Bruno Iafelice**, Executive Director, Italian Institute for Technology Entrepreneurship, Italy; **Michael Kendé**, Chief Economist, ISOC-Internet Society; **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, Afilias, Ireland; **Jeremy Millard**, Senior Consultant, Danish Technological Institute, Denmark; **Mario Po'**, eHealth Expert, Italy; **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; **Outi Rouru**, Senior Advisor, International Affairs, Development Department City of Oulu, Finland; **Claudia Selli**, EU Affairs Director, AT&T; **Jean-François Soupizet**, Independent Consultant; Principal Advisor, Close the Gap, France; **François Stephan**, Program Director "Systems of Systems", IRT SystemX - Institut de Recherche Technologique, France; **Benedicte Suzan**, Senior Prospective Analyst –TCOIS, Airbus Defence and Space, France; **Véronique-Ines Thouvenot**, Co-founder & Scientific Director, Millennia 2025 Foundation, Geneva, Switzerland; **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; **Thomas Hart**, Regulatory Expert, EU-China Information Society Project, China; **Rajkumar Prasad**, CEO Commonwealth Centre for e-Governance India; Founder President Institute for Electronic Governance & Development, 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

Stuart Brotman, Howard Distinguished Endowed Professor of Media Management and Law and Beaman Professor of Communication and Information, University of Tennessee, Knoxville, USA; **Kathryn Brown**, CEO, Internet Society; **Rosa Bruno-Jofré**, Professor and Former Dean of Education Queen's University, Canada; **Don Davidson**, Chief, Lifecycle Risk Mgt + CS/Acquisition Integration Division, In the Office of the Deputy DOD-CIO for Cybersecurity (CS), US Department of Defense; **Robert Flaim**, Supervisory Special Agent, Special Technologies Section, FBI, USA; **Jay E. Gillette**, Secretary Digital Policy Institute, Professor, Center for Information and Communication Sciences, Ball State University; **Anna Gomez**, Partner & Attorney at Law Wiley Rein LLP, USA; **Laszlo Horvath**, President, Active Media, USA; ; **Dr. Dan Holtshouse**, Retired Director of Strategy, Xerox; **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; **Dr. Murli Rajan**, Associate Dean, Kania School of Management, University of Scranton; **Jacquelynn Ruff**, Vice President International Public Policy and Regulatory Affairs Verizon Communications, USA; **Alan Shark**, Executive Director, PTI – Public Technologies Institute; Associate Professor of Practice, Rutgers University School of Public Affairs & Administration, USA; **Ambassador Miriam Sapiro**, Principal, Summit Strategies International; Senior Advisor, Finsbury, 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 (IJIS) Institute, USA;

AFRICA

Amadou Daffé, CEO & Co-Founder, Coders4Africa Inc, USA; **Koffi Fabrice Djossou**, Africa Broadcast Satellite - South Africa; **Effat El Shooky**, Technical Director, WBDC & Founder, CKI&SE Initiative, 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;

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REGISTRATION FORM

Please complete a separate Registration Form for each participant
Registration fees cover admission to all meetings, lunches and cocktail receptions, and certain special events

DIGITALIZATION:

The Global Transformation: New Practices & Relationships
MONDAY 19TH & TUESDAY 20TH SEPTEMBER 2016, EINDHOVEN, NETHERLANDS

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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 (in full)..... FIRST NAME
TITLE/POSITION.....
STREET.....
CITY/ZIP.....STATE.....COUNTRY.....
TEL.....FAX.....
EMAIL

FEE* Taxes not included	If paid <u>BEFORE</u> August 15 TH 2016	If paid <u>AFTER</u> August 15 TH 2016
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

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Cancellation conditions: Cancellations must be received by August 24th, 2016. After that date, there will be a 50% cancellation fee.
 Registrants who do not attend and who do not cancel before August 31st 2016 will be liable for the entire registration fee.
 Registration fees cover admission to all meetings, lunches and cocktail receptions, and certain special events.

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