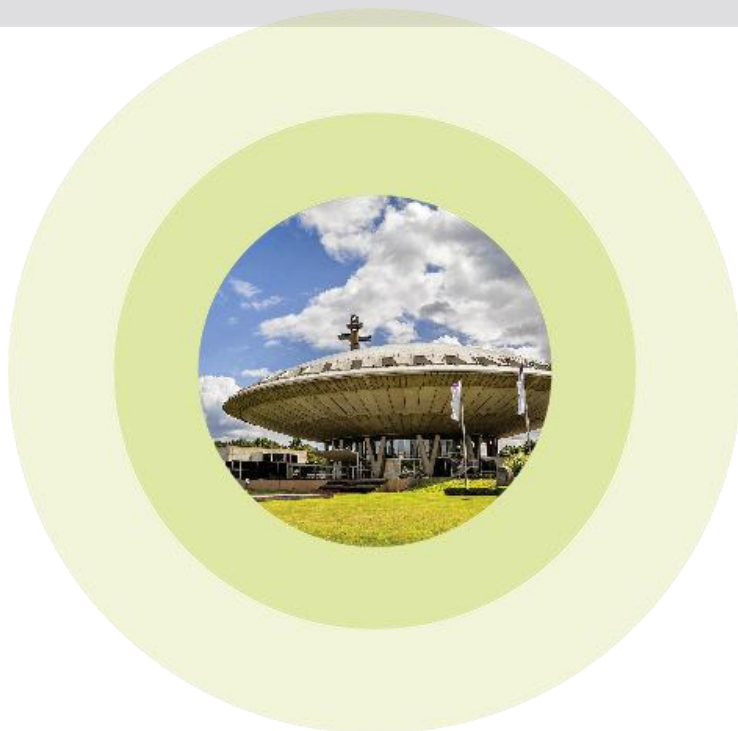


THE INTERNATIONAL THINK-TANK ON THE DIGITAL FUTURE



**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.

16/09/2016- Topics Program V55- Global Forum 2016 - ITEMS International

Global Forum 2016 Organizers, Sponsors & Support Partners



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16/09/2016- Topics Program V55- 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
- Changing Industry Architecture
- Smart Grids for Energy Transition

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 organized in link 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]

BYTE project Workshop panel discussion following S9: The Data Revolution [2:15 pm – 4:00 pm]

The BYTE project is exploring scientific and industrial organizations in Europe to gain a greater understanding of the positive and negative externalities associated with Big Data. In this workshop, a policy roadmap for big data in Europe will be presented.

International Steering Committee

EUROPE & MIDDLE EAST

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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 20 TH 2016	If paid <u>AFTER</u> August 20 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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Funds Transfer (we will invoice you with banking details)

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

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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