



# THE ROLL OUT OF DIGITAL TRANSFORMATION

*Facing Innovation, Simulation & Realities*

Monday 7<sup>h</sup> & Tuesday 8<sup>th</sup>,  
October 2019  
Angers, France

**Sunday 6<sup>th</sup> October**  
Welcome Event [6:00 pm to 9:00 pm]

**Monday 7<sup>th</sup> October 8:45 am - 12:30 pm**

Welcome Addresses [8:45 am – 9:15 am]

Opening Session: Future Visions [9:15 am – 10:15 am]

*Coffee Break*

**S1: Transformative Infrastructures to Support Digital Transformation**  
[10:30 am – 12:30 pm]

*5G& Other Innovations to Drive Future Platforms*

- New Uses Driving Transformation
  - IOT
  - Cloud Infrastructures and Services
  - 5G global status
- Agile Infrastructure Reshaping Industry & Business
  - Actors (Operators / Traditional Networks; Satellite Networks; Internet Providers; Industry Companies as Emerging Players...)
  - Spectrum Issues (5G, IOT, Radio Infrastructures ...)
  - Public & Private Investment for High-Speed Broadband
  - Strategy & Policy Options for Network Development

**Lunch [12:30 pm – 2:00 pm]**

## Monday 7<sup>th</sup> October 2:00 pm - 5:45 pm

### Keynote Session: [2:00 pm – 2:30 pm]

Role of Public Policy in Fake News & Manipulation of Social Media Data

### S2: Promises and Realities of IoT [2:30 pm – 4:00 pm]

- Stakes of IoT (75 Billion devices connected in 2025)
- Privacy & Ethics Issues
- Industrial & Agriculture Transformation
- IoT Data Governance for Cities
- IoT & Sustainability (Energy, Automotive, Mobility, Environment ...)
- From Electronic Systems to Usages for Consumers

*Coffee Break*

### S3: Role of Artificial Intelligences & Data [4:15 pm – 5:45 pm]

*Finding the Balance Between Sharing and Protecting Data*

- Disruptive Impacts of AI (Society / Business...)
- Developing Policies for Managing AI
- Data Access and Reuse
- Agency Autonomy, Transparency & Accountability
- New Developments (Cognitive Computing Machine Learning, Deep Learning, Robots...)
- Data Collection (IoT, Sensors, Social Networks...)
- AI Applications in (Commerce, Industry, Health, Agriculture, Finance-FINTECH, Games & Interactive Digital Entertainment, Energy & Environment, Empowering Citizenship...)
- Quantum Computing
- The Human Elements

### S4: Digital Policy, Regulation & Governance [4:15 pm – 5:45 pm]

- Rethinking Regulatory Frameworks and Policy Tools
- GDPR in a Global Perspective
- Social Media and its Impact
- Too Big to Fail / Too Big to Regulate?
- Internet Governance
- Technology Impacting Regulation (Blockchain; Cryptomoney ...)
- Governing in the Speed of Market
  - The Public Needs for Standardization of Data as a Generator for Larger Markets for Private Companies, Standardizations / Self-Regulation
  - New Ways to Regulate: Real-time Through IoT, Satellites and 5G

## GALA DINNER [7:00 pm to 10:00 pm]

## Tuesday 8<sup>th</sup> October 9:00 am – 1:15 pm

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

- From innovation to the roll out of transformation

### S5: Smart and Intelligent Cities, Regions & Communities [10:00 am – 11:30 pm]

- Visioning Cities of the Future / Broader Perspectives, Engagement, Partnerships
- Empowering Rural Areas
- Data and Knowledge Sharing Issues / Interoperability (Public Data and Open Source)
- Employment Changes in Communities / The Future of Jobs, Training and Self Worth
- Disruptions to Society and the Economic Implications for Cities
- Growth and Migration to Cities
- Smart Metropolitan Area
  - Digital & Regional Urban Trends & Policy
  - Favoring Co-creation With Citizens
- Nature Based Solutions for Urban Development
- Good Practices for Mobility, Smart Energy, & Intelligent Buildings...
- Designing Smart Cities through Data-Driven Simulation

### S6: Safety & Security in an Interconnected Society [10:00 am – 11:30 pm]

- New Understanding of “Security”: Going from Prevention to Detection and Response
- Global Cyber Security Views and Approaches
- The Evolving World of Mobile / IoT / Sensors / AI & Big Data ...
- Governance Models to Address Risks & Opportunities
- Power & Control : Changing Balance Between State/Companies
- Resilient Networks & Dynamic Encryption
- Mitigating Cyber Crime Risks
- Managing Data Vault
- Cyber Across the Spectrum of National and Cultural Diversity
- Investments in Cybersecurity & Digital Criminality: Impacts on Competitiveness

*Coffee Break*

### S7: Women in Digital Services [11:45 pm – 1:15 pm]

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

- Attracting Women in STEM fields
- Retaining Women in STEM/Digital Services(ex: Mentorship programs)
- Emerging Skills in the Digital Economy (women angle)
- Gender Equality at Work

## Lunch [1:15 pm – 2:15 pm]

**Tuesday 8<sup>th</sup> October 2:15 pm – 4:45 pm**  
**Common session GF 2019 & ICMASim**

**S8: Keynote: The New Perspectives of Simulation [2:15 pm – 3:15 pm]**

**S9: Digitalization in Healthcare [3:15 pm – 4:45 pm]**

- Healthcare & Social Services (including Robotisation, Artificial Intelligence & Virtual Reality)
- Smart Hospitals
- Personalization of Healthcare
- Services for Silver usages
- Trusted and Secured Data / Privacy Issues
- Securing Welfare with Digitalization: Patient Monitoring via Mobile Devices for Cost Savings
- Mobile Health & Telemedicine
- Simulation to improve Safety & Quality in Healthcare
- Big Data, Health Data, Virtual Reality, Augmented Reality (VR/AR) Cloud Computing
- Connected Health/ Benefits of Sharing & Interoperability
- Incorporating Social Determinants of Health

**S10: Industry 4.0 [3:15 pm – 4:45 pm]**

- Facts and New Reality in Industry 4.0: Impact of Digitalization on Organization, on Work, On Skills Planning
- Blockchain
- 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

**4:45 pm – 6:30 pm: Workshop; Highlights: "Exposition, Village Start Up, Experience Lab"**

**GALA DINNER [7:30 pm to 11:30 pm]**  
**Cocktail at the Jean Lurçat Museum**  
**Gala dinner at "Greniers St Jean"**