Global Forum
Shaping the future 2019

THE INTERNATIONAL THINK-TANK
ON THE DIGITAL FUTURE

1ST INTERNATIONAL CONFERENCE FOR MULTI-AREA SIMULATION
ICHA19e
50/19

8-10 OCT. 2019
ANGERS
FRANCE

THE ROLL OUT OF DIGITAL TRANSFORMATION
Facing Innovation, Simulation & Realities

Monday 7th & Tuesday 8th, October 2019

Angers, France
Centre de Congrès Jean Monnier

PROGRAMME

The program is constantly evolving in order to accommodate the interests of Global Forum 2019 speakers and participants, as well as to take into account the rapidly changing dynamics of the information technologies market.

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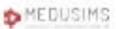
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Sunday 6th October
Welcome Event [7:00 pm to 9:00 pm]
At Galerie David d'Angers
An outstanding mixture of 13th century architecture and modern design

Monday 7th October [8:45 am - 12:30 pm]

Welcome Addresses [8:45 am – 9:15 am]

Opening Session: Future Visions [9:15 am – 10:30 am]

Coffee Break

S1: Transformative Infrastructures to Support Digital Applications [11:00 am – 12:30 pm]
5G & Evolution of Integrated Platforms

- 5G Global Status, Concerns & Perspectives of Deployment
- 5G Reshaping Industry &New Expanded Business Models for:
  - Operators, (Traditional Networks; Satellite Networks; Internet Providers; Industry Companies as Emerging Players)…
  - Media Industry (video, music, and games)/ Home broadband and TV/Immersive media (AR, VR, and cloud gaming)
  - Content / Simulation
  - Banks & Investors
- Digital World Infrastructures

Lunch [12:30 pm – 2:00 pm]

Keynote Session: [2:00 pm – 2:30 pm]
- *Digital Facing Environmental Complexity*
- *Innovation for Good*

S2: Artificial Intelligences & Data [2:30 pm – 4:00 pm]
- How AI is transforming Businesses
- How AI is Transforming Society (Skills & Jobs)
- AI: How Big it Is Really Disruptive?
- AI Applications& Concerns in (Commerce, Industry, Health, Agriculture, Finance- FINTECH, Games & Interactive Digital Entertainment, Energy & Environment, Empowering Citizenship…)
- Symbiosis between Humans, AI & Nature
- Developing Policies for Managing AI
- Data Access and Re-use
- New Developments (Cognitive & Quantum Computing, Machine Learning, Deep Learning, Predictive AI, Robots…)

Coffee Break

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S3: Promises and Realities of IoT: Roll Out of Digital Transformation [4:15 pm – 5:45 pm]

- Stakes of IoT (75 Billion devices connected in 2025)
- Safety, Security, Privacy & Ethics Issues
- Industrial & Agriculture Transformation
- IoT Data Governance for Cities
- IoT & Sustainability (Energy, Automotive, Transport, Mobility, Environment …)

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

- Regulatory Frameworks and Policy Tools: New Ways to Regulate: Real-time Through IoT, Satellites and 5G
- GDPR / Cloud Act / E-evidences in a Global Perspective
- Digital Tax Dilemmas
- Antitrust: Too Big to Fail / Too Big to Regulate?
- Technology Impacting Regulation (Blockchain …)
- 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

GALA DINNER [7:00 pm to 10:00 pm]
At Greniers Saint Jean
A unique & sumptuous event space built in the XII century, former Saint-Jean hospital

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Tuesday 8th October [8:45 am – 12:45 pm]

Keynote Opening Session Day 2 [8:45 am – 9:45 am]
- Innovation & the Roll Out of Transformation

S5: From Smart & Intelligent To Cognitive Cities, Regions & Communities [9:45 am – 11:15 pm]
- Good Practices in Cities / Regions for: e-Transport, Mobility, Smart Energy, Intelligent Buildings, Nature Based Solutions…
- Good Practices Empowering Rural Neighborhood
- Data and Knowledge Sharing Issues / Interoperability (Public Data and Open Source)
- Employment Changes in Communities / New Jobs, Training and Self Worth
- Digital & Regional Urban Trends & eCommerce
- Favoring Co-creation With Citizens
- The Creative Urban Developments: (Architecture, Cultural Heritage & Content, Smart Cities Design for Urban Development & Digital Industry)

S6: Safety & Security in an Interconnected Society [9:45 am – 11:15 pm]
- Cyber Risks Exposure Awareness For Intangible Assets, Legal, Reputation, Operational …
- Insurable & Financial Risks
- Governance Models to Address Risks & Opportunities
- New Threats & New Solutions
- Mitigating Cyber Crime Risks
- Balance Between Individual Rights Vs Company Interests
- Evolution of Investments & RoI – Return on Investments

Coffee Break

S7: Environnemental Impacts of Digital by ADEME - Agence de l'Environnement et de la Maîtrise de l'Énergie [11:30 pm – 12:45 pm]
Digital technologies are likely to accompany and even accelerate the energy and ecological transition, as well as to represent an increasingly significant environmental burden, particularly in terms of greenhouse gas emissions and the depletion of resources (metals). In this respect, it is important to ensure that digital tools do not constitute an end in themselves, and that they serve a social project. The environmental impacts must be known, in a life-cycle approach, in order to properly measure their interest in the ecological and energy transition.
This digital transition can be an opportunity to move towards mutualisation, facilitate the extension of the life span of equipment, the sharing and optimisation of material or energy resources and thus be a lever for a successful transition to a circular economy.
The objective of this session is to raise awareness of the environmental impact of digital technology and also to present solutions to reduce this environmental impact by developing eco-design.
- Environmental Impact of Digital From a Macro Perspective
- Methods For Calculating the Carbon Footprint of Digital Technology
- Reducing the Environmental Impact of Digital Products & Services

S8: Women in Digital Services [11:30 pm – 12:45 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 [12:45 pm – 1:55 pm]

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Keynote: The New Perspectives of Simulation [2:00 pm – 2:45 pm]

S9: Digitalization in Healthcare [2:45 pm – 4:15 pm]
- Global Vision of Health (Incorporating Social Determinants of Health)
- Patients Pathway (Smart Hospitals, Robotisation, Artificial Intelligence, Virtual Reality, AR…)
- Patients Empowerment
- Personalization of Healthcare
- Services for Silver usages
- Mobile Health & Telemedicine
- Simulation to improve Safety & Quality in Healthcare
- Connected Health/ Benefits of Sharing & Interoperability

S10: Industry 4.0 / Smart Industry [2:45 pm – 4:15 pm]
- Digitalization Transforming Industry, Finance, Agriculture, Commerce…
- Extreme Customization
- Process Productivity & Quality Control (Evolving Smart Factories - Cobotic, Automation, Opportunities & Safety Issues; Liability & Insurance…)
- Logistics &Global Supply Chains (Mobility 4.0: Integrated & Intelligent Transport…)
- Blockchain

Coffee Break

S11: Simulation & Transports [4:45 pm – 5:45 pm]

S12: Technologies and Tools related to Simulation [5:45 pm – 6:30 pm]

[6:30 pm – 8:30 pm]
Cocktail Networking – Centre de Congrès d'Angers

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