Global IoT Summit
GIOTS 2019
Aarhus
June 17-21 2019

ARoS Art Museum & Musikhuset Aarhus
collocated with the IoT Week 2019

The GIOTS is endorsed by IEEE
and will present cutting-edge innovations in Internet of Things,
by presenting a selection of top level peer-reviewed articles

www.globaliotsummit.org

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Global IoT Summit in a nutshell

The Global IoT Summit (GIOTS) is an international conference established to attract and present cutting-edge research results on the Internet of Things. It is endorsed by IEEE and intends to select best papers through a systematic peer review process. The GIOTS 2019 will be collocated with the IoT Week 2019 in Aarhus, Denmark from June 17th to 21st 2019. It intends to become a global reference conference on IoT research and innovation.

The GIOTS will offer a quite unique event, including:

1. **Keynote Sessions**
2. **Cutting-edge Sessions and Presentations on:**
   - Manuscripts Due: January 15, 2019
   - Acceptance Notification: March 31, 2019
3. **Thematic Workshops on:**
   - Workshop proposals due: November 23rd, 2018
   - Notification of selection: November 30th, 2018
4. **Special Sessions on:**
   - Special Sessions Proposals due: November 23, 2018
   - Notification of selection: November 30, 2018
5. **Exhibition Area**
6. **Hackathon for students**

Sponsors will gain **inter alia:**

- Visibility, media coverage and a strong positioning in the IoT community;
- Keynote speeches opportunity;
- Privileged access to experts and networking;
- Access to VIP and special event; and more… (see sponsor section)

The IoT Forum (Internet of Things International Forum) is a fully independent member-driven organization which aims at:

- Promoting international dialogue and cooperation for the Internet of Things
- Organizing events and conferences, such as the IoT Week
- Developing activities and synergies with and among its members

It supports the development of a worldwide interoperable Internet of Things, addressing technology barriers, business and societal challenges to support a global and worldwide Internet of Things ecosystem and market. It enables sharing of cutting edge information and support international dialogue and cooperation on the Internet of Things. More at: www.iotforum.org

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1 The contents of this item will be updated regarding the GloTS webpage
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Global IoT Summit 2019 in Aarhus, Denmark

The IoT Forum has selected the candidature of Aarhus, Denmark, to host the IoT Week in 2019. In parallel, it has established the Global IoT Summit (GIOTS) as an IEEE endorsed conference collocated with the IoT Week. The GIOTS is autonomous and will focus on identifying and selecting the top articles and scientific publications on the Internet of Things (IoT). The GIOTS will directly benefit from a large participation of researchers, experts and companies specialized in the IoT domain, including research centres, European research projects, start-ups, specialized SMEs, large industries, developers, standards development organizations and policy makers, such as the European Commission and international organizations.

1. Keynote Sessions
   - The GIOTS will invite and give the floor to keynote speakers presenting the vision on the present and future evolution and challenges of the Internet of Things.

2. Cutting-edge Sessions and Presentations
   The GIOTS organize a set of sessions presenting selected innovations encompassing various dimensions and topics relates to the Internet of Things:
   Important dates:
   Manuscripts Due: January 15, 2019
   Acceptance Notification: March 31, 2019

3. Thematic Workshops
   The GIOTS will host a set of thematic workshops.
   Important dates:
   Workshop proposals due: November 23rd, 2018
   Notification of selection: November 30th, 2018

4. Special Sessions on:
   The GIOTS will organize special sessions.
   Important dates:
   Special Sessions Proposals due: November 23, 2018
   Notification of selection: November 30, 2018

5. Exhibition Area
   A dedicated and selective exhibition area will be available to innovating companies, with a priority access to GIOTS and IoT Week sponsors.

The GIOTS will associate other IoT-related communities working with the IoT Forum, the Alliance on IoT Innovation (AIOTI), the IEEE and research projects for collocating activities.

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**Dates**

17th June 2019: Opening of the Global IoT Summit at **ARoS Art Museum**

17th – 20th June 2019: Thematic Sessions and presentation of selected articles at **Musikhuset Aarhus & ARoS Art Museum**

18th June 2019: IoTWeek & GIOTS Welcome Reception at the **Aarhus City Hall**

19th June 2019: IoTWeek & GIOTS Gala Dinner at **Tivoli Friheden**

20th June 2019: IoTWeek & GIOTS Closing Ceremony at **Musikhuset Aarhus**

**GIOTS Venues**

The GIOTS will be collocated with the IoT Week 2019 which will take place in the two official venues: the ARoS Art Museum and the Musikhuset Aarhus. Both buildings are located in the city centre next to one.

The ARoS is the main art museum in Aarhus and one of the largest museums in Northern Europe and will host all the GIOTS sessions scheduled on **Monday 17 June** including the GIOTS Opening.

The Musikhuset is the largest concert hall in Scandinavia, with seating for more than 3,600 people and it will host all the GIOTS sessions and workshops from **Tuesday 18 to Thursday 20 June**.

These two venues are about 55 minutes by bus from the Aarhus Airport (AAR) and 35 minutes by taxi.

GIOTS participants can accommodate in one of the hotels placed in downtown with exclusive prices for IoT participants.
**Exhibition Area**

Following the successful experience of the two last GIOTs edition, a special and dedicated Exhibition Area will be available for exhibitions within the Foyer of the Musikhuset Aarhus. We will offer up to 70+ exhibitor booths, enabling a priority access to the GIOTS and IoTWeek 2019 partners. Exhibit space is assigned upon completed registration, on a first-come, first-served basis.

The objectives of this Exhibition Area are to allow the GIOTS participants to:

- Showcase their latest work.
- Build brand awareness.
- Engage with potential customers and network with the most renowned IoT experts.
GIOTS call for Papers and proposals

The 2019 Global IoT Summit (GIOTS) http://www.globaliotsummit.org/ 17-21 June 2019 in Aarhus, Denmark, seeks contributions on how to nurture and cultivate IoT technologies and applications for the benefit of society.

Original papers are solicited in, but are not limited to, the following topics:

**IoT Enabling Technologies**

- 5G Networks and IoT
- IoT Security and Trust
- IoT and Personal Data Protection
- Artificial Intelligence and IoT
- IoT Large Scale Pilots and Portability
- IoT Interoperability and Multi-Platform Integration
- Software Defined Network (SDN), Network Function Virtualization (NFV) and IoT
- Sensor and Actuator Networks
- IoT Protocols and Standards (IPv6, 6LoWPAN, RPL, 6TiSCH, WoT, oneM2M, etc.)
- Ultra-low power IoT Technologies and Embedded Systems Architectures
- Wearables, Body Sensor Networks, Smart Portable Devices
- Design Space Exploration Techniques for IoT Devices and Systems
- Heterogeneous Networks, Web of Things, Web of Everything
- Named Data Networking for IoT
- Internet of Nano Things
- Sensors Data Management, IoT Mining and Analytics
- Adaptive Systems and Models at Runtime
- Distributed Storage, Data Fusion
- Routing and Control Protocols
- Resource Management, Access Control
- Mobility, Localization and Management Aspects
- Identity Management and Object Recognition
- Localization Technologies
- Edge Computing, Fog Computing and IoT
- Machine to Machine (M2M)/Devices-to-Devices communications and IoT
- Industrial IoT and Factory of Things and Internet of Things

**IoT Applications, Services and Real Implementations**

- Smart Cities, Smart Public Places, and Smart Environments
- Smart Home, and IoT-based Building Automation
- Smart Agriculture and Water Management
- Smart factories and Industry 4.0
- e-Health, Assisted Living and e-Wellness
- Automotive, Intelligent Transport
- IoT-based Supply Chains
- Smart Grid, Energy Management
- Wearables
- Cyber-physical systems, Context Awareness, Situation Awareness, Ambient Intelligence
- Collaborative Applications and Systems
- Service Experiences and Analysis
- Consumer Electronics, Assisted Living, Rural Services and Production
- Industrial IoT Service Creation and Management Aspects
- Crowd-sensing, human centric sensing
- Big data and IoT Data Analytics
- IoT and AI techniques
- Internet Applications Naming and Identifiers
- Semantic Technologies, Collective Intelligence
- Cognitive and Reasoning about Things and Smart Objects
- Mobile Cloud Computing (MCC) and IoT
- Horizontal application development for IoT
- Design principals and best practices for IoT application development

**End-user and Human Centric IoT, including IoT Multimedia, Societal Impacts and Sustainable Development**

- IoT and Sustainable Development, including the 17 UN Sustainable Development Goals (https://sustainabledevelopment.un.org) and the International Declaration on IoT for Sustainable Development (http://iotforum.org/the-international-declaration-on-the-internet-of-things-for-sustainable-development/).
- Human Role in the IoT, Social Aspects and Services
- Value Chain Analysis and Evolution Aspects
- New Human-Device Interactions for IoT, Do-It-Yourself
- Social Models and Networks
- IoT and Arts
- Green IoT: Sustainable Design and Technologies
- Urban Dynamics and crowdsourcing services
- Metrics, Measurements, and Evaluation of IoT Sustainability and ROI

**IoT Security, Privacy and Data Protection**

- IoT and blockchain
- Artificial Intelligence based security and data protection
- IoT Privacy, data protection and Security Concerns
- IoT Privacy and Security Tests, Certification, and Labelling
- Security and Data protection risk analysis and mitigation
- Identification and Authentication Issues
- Wireless Sensor Network for IoT Security
- Intrusion Detection in IoT
- Cryptography, Key Management, Authentication and Authorization for IoT
- Physical/MAC/Network Attacks in Internet of Things
- Cross-layer Attacks in IoT
- Security with QoS Optimization in IoT
- Privacy based Channel Access in IoT
- IoT Forensic Science
- Big Data and Information Integrity in IoT
- Communication Security in IoT
- Security Standards in IoT

**IoT Pilots, Testbeds and Experimentation Results**
- Large scale pilots on IoT
- IoT testbeds and testing tools
- Closing the Gap between Research and Implementation
- Experimental prototypes, Test-Bed and Field Trial Experiences
- Multi-Objective IoT System Modeling and Analysis—Performance, Energy, Reliability, Robustness
- IoT Interconnections Analysis—QoS, Scalability, Performance, Interference
- Real case deployment scenarios and results
- IoT Deployment at Government and ISPs
- IoT Deployment on Agriculture, Retails, Smart Cities, etc.
- IoT Interconnections among ISPs Analysis—QoS, Scalability, Performance, Interference
- Gaps Analysis for Real Deployment
- IoT and Future Internet Architectures
- Standardization and Regulation

**Paper Submissions and Publications**

The Global Internet of Things Summit (GloTS 2019) solicits submissions.

- Full papers describing original research. Suggested size is four to six pages will be accepted. Papers will be fully peer reviewed. Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases (pending approval)

**Submission Guidelines**

- All papers must conform, at time of submission, to the IEEE Formatting Guidelines. Please use either this Word Template or this LaTeX package. Make sure that you use US letter page format.
GloT2019 takes the protection of intellectual property seriously. Accordingly, all submissions will be screened for plagiarism using CrossCheck. By submitting your work you agree to allow IEEE to screen your work. For more information please visit: http://www.crossref.org/crosscheck/index.html

Important Dates for Paper Submissions

Manuscripts Due: January 18, 2019
Acceptance Notification: March 31, 2019
Camera-Ready Submission: April 30, 2019

Papers must be submitted electronically: https://edas.info/N25358

Contacts for Papers

TPC Chair:
Prof. Antonio Skarmeta, University of Murcia, Spain skarmeta@um.es
Prof. Mirko Presser, Alexandra Institute, Denmark mirko.presser@alexandra.dk

General Chair:
Sébastien Ziegler, IoT Forum, Switzerland sziegler@mandint.org

Special Session and Workshop Proposal Submissions

GloTS 2019 will be hosting a series of special sessions and workshops and invites the submission of special session and workshop proposals. They should emphasize on current topics relevant to the IoT community on the latest research, engineering, standards and business issues and should include a mix of regular and invited presentations. Special Sessions should complement the regular program with new and emerging topics of interest.

Each Special Session/Workshop must include the following and should be maximum five pages:

- Title
- Length of the workshop (half/full day)
- Names, contacts and a short bio (200 words) of the workshop organizers
- Brief description of the workshop including abstract, scope and timeliness.
- Planned format of the workshop including no. of referred papers, hot topic sessions, keynotes, and panel discussions.
- Potential participants including TPC members and invited speakers.
- Brief description of advertising plan
- Prior history the workshop (if any)
- Draft call for papers
- Any other relevant information

Accepted Special Sessions and workshops must implement IEEE academic best practices regarding peer reviews and paper publication. Accepted and presented paper will be added to IEEE Xplore (pending approval) and the conference proceedings.
The proposal must be submitted through EDAS system at – https://edas.info/N25358 using the option for "Special Sessions or Workshop Proposal".

**Important Dates for Special Session Submissions**

Proposals due: November 23, 2017  
Notification of selection: November 30, 2017  
Website for special session: December 14, 2018  
Deadline for paper submission: February 22, 2019  
Acceptance/rejection notification: March 31, 2018  
Camera ready submission: April 30, 2019

**Contacts for Special Sessions and Workshop**

Soumya Kanti Datta, Eurecom, France soumya-kanti.datta@eurecom.fr

**Important Dates for papers submissions to Workshops**

Paper submission deadline: February 18, 2019  
Acceptance Notification: March 31, 2019  
Camera-Ready Paper Submission: April 30, 2019

**Contacts for Special Sessions and Workshop**

Soumya Kanti Datta, Eurecom, France soumya-kanti.datta@eurecom.fr

**Industry Forum Panel Sessions Submissions**

GIoTS 2019 will be hosting Industry Forum Panel Sessions. Presentation in Industrial Forum will be panelist based and panel presentation material will not be published in conference proceedings but will be available in the conference web site. Industrial Forum Panel proposal should contain an abstract, scope, intended audience, objectives, prior history, an outline, the biographical sketch of presenters and any other information that may assist in making decisions.

**Important Dates for Industry Panel Proposal**

Proposals due: March 15, 2019  
Notification of selection: March 31, 2019  
Proposals must be submitted electronically: https://edas.info/N25358

**Contacts for Industry Panels**

Chair Latif Ladid — University of Luxembourg, Luxembourg latif.ladid@uni.lu

**Summary Important Dates**

**General Conference**

Manuscripts Due: January 15, 2019  
Acceptance Notification: March 31, 2019
Camera-Ready Submission: April 30, 2019

**Special Sessions and Workshop proposal**

Proposals due: November 23, 2018  
Notification of selection: November 30, 2018  
Website for special session: December 14, 2018  
Deadline for paper submission: February 22, 2019  
Acceptance Notification: March 31, 2019  
Camera-Ready Submission: April 30, 2019

**Industry Forum Sessions proposal**

Proposals due: March 15, 2019  
Notification of selection: March 31, 2019
Organizing Committee

An Organizing Committee is in charge of organizing and managing the event, including: the IEEE Subcommittee on IoT, the IoT Forum and the IPv6 Forum, and Mandat International with the support of complementary partners. The various committees gather top experts in the IoT and ICT domain from all regions of the World. All members are serving on a voluntary basis.

Steering Committee

- Sébastien Ziegler - IoT Forum, Switzerland - GENERAL CHAIR
- Latif Ladid - IEEE IoT TsC, IPv6 Forum - CO-CHAIR
- Prof. Antonio Skarmeta - University of Murcia, Spain - TPC CHAIR
- Dr. Mirko Presser, University of Aarhus, Denmark
- Srdjan Krco - DUNAVNET
- Franck BOISSIERE, European Commission
- Chris Uwaje - IoT Africa - PUBLICITY CO – CHAIR
- Geoff Mulligan - USA - CO-CHAIR
- Sures Ramadass - Asia - PUBLICITY CO – CHAIR
- Dr. Essaid Sabir - Université Hassan II de Casablanca, Casablanca - PUBLICATION CHAIR

TPC Chairs

- Prof. Antonio Skarmeta - University of Murcia, Spain - TPC CHAIR
- Dr. Mirko Presser - Alexandra Institute, Denmark - TPC CHAIR
- Soumya Kanti Datta - Eurecom, France - WORKSHOP AND SPECIAL SESSION CHAIR
- Bala Krishna Maddali - USICT, GGS Indraprastha University, India - WORKSHOP AND SPECIAL SESSION CO – CHAIR
- Sutharshan Rajasegarar - The University of Melbourne, Australia - PUBLICATION CO – CHAIR

Local Host Committee Chair

- Daniel Enrique Lucani Röttter, University of Aarhus, Denmark

Supported by

IoT Forum
Why you should not miss the opportunity to sponsor the Global IoT Summit (GIOTS)!

There are several good reasons to sponsor the GIOTS:

1. **Keynote Speeches**
   According to the sponsorship plan, the sponsors will be invited to make keynote speeches to the participants, with direct and high visibility. Their message will be addressed and visible to all the participants.

2. **Join the Organizing Team to design, shape and organize the future editions of the GIOTS**
   The GIOTS 2019 is the third edition and we decided to go on with the participatory strategy with sponsors who will be associated to the strategy definition for the future editions. They will also get a voice on future extension of the GIOTS organizing committee. Moreover, the GIOTS philosophy is to gather partners interested to support our activities on the long term and to avoid adding later sponsors who are direct competitors of our first partners.

3. **Visibility, Outreach and Communication**
   Sponsors will benefit from a high visibility during the whole conference, including on the website and communication material. Sponsors will also have the possibility to provide and include documentation to be part of the delegates’ welcome pack.

4. **Media Coverage**
   Specialized medias will be invited as conference partners to cover the sessions. They will be encouraged to meet and interview our sponsors. Videos and pictures will be taken from key sessions and made available to media communication.

5. **Customized Support for Networking and Access to Top Experts**
   All sponsors will benefit from a customized support to network with the participants, including experts and companies attending the GIOTS and the IoT Week.

6. **Positioning in the Emerging IoT Market and Ecosystem**
   The IoT market will be the next big wave in terms of economic value creation. It is a global market by design supported by a growing ecosystem. 2019 will be a strategic year to position companies and service in this emerging ecosystem.

7. **Special VIP Event and High Level Networking Opportunity**
   Sponsors will be invited to a private dinner with the keynote speakers and VIP participants at the end of the conference.

8. **Exhibition Area and Access to Prospects**
   Sponsors will have a priority access to the exhibition area and direct opportunities to connect with potential partners and prospects.

9. **Free Passes and Invitations**
   Sponsors will receive a number of free passes to attend the GIOTS and IoTWeek, as well as invitation to the Gala dinner, to the reception and to the closing ceremony.
Sponsorship Plan

The GIOTS is looking for sponsors for the conference, with different standard sponsorship packages:

<table>
<thead>
<tr>
<th>General Sponsor Platinum Package</th>
<th>Gold Package</th>
<th>Silver Package</th>
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<td>Opening keynote</td>
<td>Keynote afternoon session</td>
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<td>Session in the main conference hall</td>
<td>Session keynote / chairmanship</td>
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<td>Priority in selecting location in the exhibition area</td>
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<td>5 VIP Dinner Invitations</td>
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<td>10 complimentary registration fees</td>
<td>5 complimentary registration fees</td>
<td>3 complimentary registration fees</td>
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<td>Logo on the conference bag</td>
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<td>Company insert in the conference</td>
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<td>Recognition as the Platinum sponsor in all printed materials / logo (event program, brochures, flyers, t-shirts, Press wall, roll up…)</td>
<td>Recognition as the Gold sponsor in all printed materials / logo (event program, brochures, flyers, t-shirts, Press wall, roll up…)</td>
<td>Recognition as the Silver sponsor in all printed materials / logo (event program, brochures, flyers, t-shirts, Press wall, roll up…)</td>
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<td>Sponsor’s logo in the advertising and promotional campaign in media (banners)</td>
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<td>Logo on the GIOTS website</td>
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<td>Link to sponsor’s website from the official event website</td>
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<td>Company presentation in the IoT Week newsletter</td>
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<td>Company logo in the slideshare GIOTS official presentations</td>
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Finances, Accounting and Reporting

The GIOTS is a non-for-profit event. Mandat International has accepted to provide administrative support to the conference. In case of benefit, the result will be used to finance future conferences and IoT related events or activities.

The core budget, accounting and financial reporting will be managed by Mandat International on a separate and specific bank account. On demand, a financial report will be provided to the sponsors after the closing of the event.

Contacts

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