



**ITU KALEIDOSCOPE**

NANJING 2017

*Challenges for a data-driven society*

# Best Paper Awards and Young Author Recognition Ceremony

**Alessia Magliarditi**

**ITU Kaleidoscope Coordinator**

Nanjing, China  
27-29 November 2017





## Award Committee

### Six distinguished conference attendees

- **AC Chair:** Alessia Magliarditi (ITU Kaleidoscope Coordinator)
- **AC Members:**
  1. Joan Garcia-Haro, Technical University of Cartagena, Spain
  2. Ved Kafle, National Institute of Information and Communications Technology (NICT), Japan
  3. Ken Krechmer, SIIT2017 Coordinator
  4. Stefano Polidori, ITU Kaleidoscope Technical Adviser
  5. Subin Shen, Nanjing University of Posts and Telecommunications, China
  6. Mostafa Hashem Sherif, Kaleidoscope Steering Committee member



## Best Paper Awards

- **First** paper: ITU Certificate + 3000 USD
- **Second** paper: ITU Certificate + 2000 USD
- **Third** Paper: ITU Certificate + 1000 USD



# Criteria

- 1 – Clarity
- 2 – Relevance to the conference theme
- 3 – Relevance to standards
  
- 4 - Presentation



## Seven nominees

- ❑ Best ranking papers that were recommended for best paper award by the Technical Programme Committee (double-blind/peer-review process) and Steering Committee.
  
- ❑ **Seven candidates**
  - ❑ Four in **Track 2** (Data applications and services)
  - ❑ Three in **Track 3** (Social, economic, environmental and policy aspects of data access and management)



# Nominated papers and presenters

S1.3 Open data development of countries: Global status and trends

**Esmeralda Florez Ramos**, Technical University Berlin & Fraunhofer Institute for Open Communication Systems (FOKUS), Germany

S2.1 A holistic approach to exploring the divided standards landscape in e-health research

**Doyoung Eom**, Yonsei University, Rep. of Korea

S2.4 The standards revolution: Who will first put this new kid on the blockchain?

**Ruizhi Liao**, The Chinese University of Hong Kong, China

S3.2 Advanced data enrichment and data analysis in manufacturing industry by an example of laser drilling process

**You Wang**, RWTH Aachen University & Fraunhofer Institute for Laser Technology, Germany

S4.1 Fostering Smart City Development in Developing Nations: A Crime Series Data Analytics Approach

**Omowunmi E. Isafiade**, University of the Western Cape, South Africa

S4.2 Toward the data-driven "smart" and "green" hospital-care

**Vasileios (Basile) P. Spyropoulos**, Technological Education Institute of Athens, Greece

S4.3 Socio-economics and educational case study with cost-effective IoT campus by the use of wearable, tablet, cloud and open e-learning services

**Toshiki Ueda**, Otani University, Japan



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**And the winners are...**



## **Third prize**

***Fostering smart city development in developing nations: A crime series data analytics approach***

**Presented by**

**Omowunmi E. Isafiade**

**University of the Western Cape, South Africa**

**co-authored with**

**Antoine Bigomokero Bagula**





## Second prize

***Socio-economics and educational case study with cost-effective IoT campus by the use of wearable, tablet, cloud and open e-learning services***

**Presented by**  
**Toshiki Ueda**  
**Otani University, Japan**

**co-authored with**  
**Yoshikazu Ikeda**



## **First prize**

***A holistic approach to exploring the divided standards landscape in e-health research***

**Presented by**  
**Doyoung Eom**  
***Yonsei University, Rep. of Korea***

**co-authored with**  
**Heejin Lee**



# 10 Young Author Recognition certificates

## 1. **Amba Kak** (Mozilla Foundation, India)

S1.2 Open data & digital identity: Lessons for Aadhaar

Vinod Kotwal (Ministry of Communications and IT, India); Smriti Parsheera (National Institute of Public Finance and Policy, India)

## 2. **Doyoung Eom** (Yonsei University, Rep. of Korea)

S2.1 A holistic approach to exploring the divided standards landscape in e-health research

Heejin Lee (Yonsei University, Rep. of Korea)

## 3. **Jingze Li** (Tilbury University, The Netherlands)

S2.2 Intellectual property licensing tensions in incorporating open source into formal standard setting context - The case of Apache V.2 in ETSI as a start



**4. Olia Kanevskaia** (TILEC & Tilbury Law School, The Netherlands)

S2.3 Governance within standards development organizations: Who owns the game?

**5. You Wang** (RWTH Aachen University & Fraunhofer Institute for Laser Technology, Germany)

S3.2 Advanced data enrichment and data analysis in manufacturing industry by an example of laser drilling process

Hasan Tercan, Thomas Thiele, Tobias Meisen, Wolfgang Schulz (RWTH Aachen University, Germany); Sabina Jeschke (RWTH Aachen University & Institute Cluster IMAZLW & IfU, Germany)

**6. Rene Kabagamba** (Carnegie Mellon University Africa, Rwanda)

S4.4 Drone readiness index

Samuel Nzaramba, (Carnegie Mellon University Africa, Rwanda); Kate Chandler (Georgetown University, USA); Aminata Garba (Carnegie Mellon University, USA)



**7. Rongzhao Wu** (North China Electric Power University, China)

S5.2 Modeling and analysis of spatial inter-symbol interference for MIMO image sensors based visible light communication

Yarong Guo, Peng Liu (North China Electric Power University, China); Jiang Liu (Waseda University, Japan)

**8. Jiang Yuhan** (Nanjing University of Posts and Telecommunications, China)

S5.3 Secrecy energy efficiency optimization for artificial noise aided physical-layer security in cognitive radio networks

Jian Ouyang, Yulong Zou (Nanjing University of Posts and Telecommunications, China)



**9. Myeongha Hwang** (University of Science and Technology, Rep. of Korea)

P.3 TESIS: Trend Analysis System for International Standards

Minkyu In, Suwook Ha, Kangchan Lee (Electronics and Telecommunications Research Institute, Rep. of Korea)

**10. Ming Sun** (Nanjing University of Posts and Telecommunications, China)

P.4 Exploiting multi-radio cooperation in heterogeneous wireless networks for absolute security against eavesdropping

Yulong Zou, Mujun Qian, Quanquan Wang, Jia Zhu (Nanjing University of Posts and Telecommunications, China)



# Certificate of appreciation

**Ved P. Kafle**

**National Institute of Information and Communications Technology  
(NICT), Japan**

**For his ongoing commitment and  
contributions to the Union**



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# CONGRATULATIONS!!!