# 3rd International Conference on

**GIS and Remote Sensing**  
*September 27-28, 2018  Berlin, Germany*

## Program at a Glance

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<th>General Session</th>
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<tr>
<td>Reception/Registration</td>
<td>Inaugural Address</td>
<td>Keynote/Plenary Talk 1</td>
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<td>Morning Sessions</td>
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<td>Keynote/Plenary Talk 2</td>
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<td>Keynote/Plenary Talk 3</td>
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<tr>
<td>Least of 3 Keynote/Plenary Talks</td>
<td>Panel Discussions/Group Photo</td>
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<tr>
<td>Coffee/Tea Break (Networking)</td>
<td>Remote Sensing</td>
<td>GIS Techniques and Technologies</td>
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<tr>
<td>Evening Sessions</td>
<td>GIS in renewable energy sources</td>
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<tr>
<td>Remote Sensing in Urban Environment</td>
<td>Seismology and Geodesy</td>
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<tr>
<td>Lunch Break</td>
<td>Geodynamics</td>
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<tr>
<td>Coffee/Tea Break (Networking)</td>
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<td></td>
<td>15.45-17.25</td>
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<table>
<thead>
<tr>
<th>Day 2</th>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
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<tr>
<td>Morning Sessions</td>
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<td>Keynote/Plenary Talk 2</td>
<td>Keynote/Plenary Talk 2</td>
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<td>Evening Sessions</td>
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<td>GIS Market</td>
<td>Entrepreneurs Investment Meet</td>
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<tr>
<td>Evening Sessions</td>
<td>Disaster assessment and management</td>
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<tr>
<td>Coffee/Tea Break (Networking)</td>
<td>Awards &amp; Closing Ceremony</td>
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**NOTE:** Program Schedule is subject to change with final allotment of the speaker slots.

For more details, please visit: [http://gis-remotesensing.conferenceseries.com/europe/](http://gis-remotesensing.conferenceseries.com/europe/)  
giscongress@earthscienceconferences.com | gis@earthscienceconferences.org
Major Scientific Sessions

- Remote Sensing
- GIS Techniques and Technologies
- GIS in renewable energy sources
- Remote Sensing in Urban Environment
- Seismology and Geodesy
- Geodynamics
- Spatial Analysis With GIS
- Global Navigation Satellite System (GNSS)
- Geostatistics
- Disaster assessment and management
- GIS Market
- Entrepreneurs Investment Meet

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries

gis@earthscienceconferences.org
Glimpses Of GIS Congress
Series Conferences
Best Tourist Destinations in Berlin, Germany

7 Great Day Trips from Berlin:
- Brandenburg Gate
- Holocaust Memorial
- Museum Island
- Reichstag
- Tiergarten

10 Top Tourist Attractions in Berlin:
- Brandenburg Gate
- Check Point Charlie
- Memorial Church
- Potsdamer Platz
- Tiergarten
2nd International Conference on GIS AND REMOTE SENSING
October 2-3, 2017 Vienna, Austria
**Day 1 October 02, 2017**

**Registrations**

**Fleming’s 6**

**Opening Ceremony**

**Keynote Forum**

**Introduction**

*Title: Multiscale geoscene analysis using VHR remote sensing images: Application to urban functional mapping*

**Shihong Du, Peking University, China**

**Coffee Break & Group Photo 10:50-11:15 @ Foyer**

**Sessions:** Disaster Assessment and Management | Spatial Analysis with GIS | Remote Sensing in Urban Environment | GIS in renewable energy sources | GIS Techniques and Technologies

**Session Chair:** Shihong Du, Institute of Remote Sensing and GIS, Peking University, China

**Session Co-chair:** Arun B Inamdar, Indian Institute of Technology Bombay, India

**Session Introduction**

**Title: Using spatial data to predict tsunami evacuation participation rate and trip generation**

**Khameis M Alabdouli, United Arab Emirates University, UAE**

**Title: Acoustic method of particle detection and its application for geophysics by means of ultra-high energy neutrino beam**

**Alexander Borissov, Heidelberg University, Germany**

**Title: Enhancing mine planning in Kenya - developing a spatial decision support system using a systems approach**

**Nashon J Adero, Technische Universität Bergakademie Freiberg, Germany**

**Lunch Break**

**Title: Construction of solar radiation simulation DB and solar radiation simulation system using GIS**

**Atsushi Shiota, Kyushu Institute of Technology, Tabata-ku Kitakyushu, Japan**

**Title: Alert of dangerous solar forcing on the earth**

**Shahinaz M. Yousef, Cairo University, Egypt**

**Title: In situ sensors for monitoring and control of pharmaceutical crystallization processes**

**Elena Simone, University of Leeds, UK**

**Workshop**

**Title: GIS survey of lucknow with the help of high resolution satellite images for identification and approximate costing of all buildings in urban and rural areas and generating cess @ 1.0 % of the cost of construction of those buildings which have been constructed since 2009 to generate the social welfare fund for workers**

**Shashi Bhushan, Vikas Buildtech private limited, India**

**Refreshment & Network**

**Panel Discussion & Networking**

**Day 2 October 03, 2017**

**Fleming’s 6**

**Sessions:** Remote Sensing | GIS Techniques and Technologies | Seismology and Geodesy | Global Navigation Satellite System

**Session Chair:** Shihong Du, Institute of Remote Sensing and GIS, Peking University, China

**Session Co-Chair:** Sadiq Abdullahi Yelwa, Usmanu Danfodiyo University, Nigeria

**Session Introduction**
### Title: Analysis of stream network changes: A case study in Watonwan river watershed, Minnesota
Fei Yuan, Minnesota State University, USA

### Title: A broad analysis of vegetation dynamics across Nigeria using standardized principal components from spot satellite data
Sadiq Abdullahi Yelwa, Usmanu Danfodiyo University, Nigeria

#### Coffee Break

#### Poster Session

<table>
<thead>
<tr>
<th>GIS 01</th>
<th>Title: Geodynamic activity and seismotectonic deformations of neotectonic structures of the Arctic-Asian seismic belt (Russian Arctic region)</th>
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</thead>
<tbody>
<tr>
<td>Imaev V S, Institute of the Earth’s Crust, SB RAS, Russia</td>
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<tr>
<td>Title: GIS based inter-class change analysis of classified multi-temporal landsat satellite images at a drought-prone semi-arid river basin in India</td>
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<tr>
<td>Arun B Inamdar, Indian Institute of Technology Bombay, India</td>
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<tr>
<td>Title: Long-term spatio-temporal analysis of seawater intrusion for sustainable groundwater management in Bhavnagar District</td>
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<tr>
<td>Arun B Inamdar, Indian Institute of Technology Bombay, India</td>
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<tr>
<td>Title: Comparison between GPS measurements and interferometry to control mining subsidence in the Catalan basin</td>
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<tr>
<td>Marc Bascompta, ICL Sustainable Mining, Spain</td>
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<tr>
<td>Title: The vulcanostratigraphy of bregada cililin caldera based on petrography and geomorphology identification, West Java, Indonesia</td>
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<tr>
<td>B Nur Ali, Pakuan University, Bogor, Indonesia</td>
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<tr>
<td>Title: The study of ore-controlling factors and prospective areas according to the remote sensing</td>
<td></td>
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<tr>
<td>A Baibatsha, Kazakh National Research Technical University, Republic of Kazakhstan</td>
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</tbody>
</table>

#### GIS 02

#### GIS 03

#### GIS 04

#### GIS 05

#### GIS 06

#### Lunch Break

<table>
<thead>
<tr>
<th>14:00-14:30</th>
<th>Title: Globe spatial four-tree subdivision grid system and spatial-temporal coding model for address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wu Pengda, Chinese Academy of Surveying and Mapping, China</td>
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<tr>
<td>Title: Analyzing morphological changes of riverine bars in a selected reach of the Padma River using GIS and social survey</td>
<td></td>
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<tr>
<td>Shahreen Muntaha Nawfee, Independent University, Bangladesh</td>
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<tr>
<td>Title: Real-time fusion method of massive vector data and 3D terrain based on multithreading</td>
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<td>Zhendong Liu, CASM, China</td>
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<tr>
<td>Title: Research and practice on spatiotemporal big data cloud platform of the belt and road</td>
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<tr>
<td>Zhaoting Ma, Chinese Academy of Surveying and Mapping, China</td>
<td></td>
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</table>

#### Panel Discussion & Networking

#### Awards & Closing Ceremony
Scientific Program

World Congress on
GIS & Remote Sensing
August 01-03, 2016   New Orleans, Louisiana, USA
## Scientific Program

### Day 1  August 01, 2016

#### Conference Hall

### Keynote Forum

**Title: Streamline GIS and location applications**  
Xinhang Shen, NAC Geographic Products Inc., Canada

**Group photo**

**Title: Developing high-resolution global lake GIS database from landsat images**  
Yongwei Sheng, University of California Los Angeles (UCLA), USA

**Sessions:**  
GIS | Remote Sensing | GIS Software | GIS in Mapping | GIS in Disaster Management

**Coffee Break**

**Session Chair: N S Nethengwe, University of Venda, South Africa**

**Title: GIS and wireless technology: The positive impact on healthcare quality**  
Jeffrey P Harrison, University of North Florida, USA  
Debra A Harrison, Mayo College of Medicine, USA

**Lunch Break**

**Title: New orleans: Historic city with a poor memory**  
Craig E. Colten, Louisiana State University, USA

**Title: Detecting *Seriphium plumosum* spatial distribution dominancy using some of abiotic variables in Msukaligwa Local Municipality, Mpumalanga**  
N S Nethengwe, University of Venda, South Africa

**Title: Spatio-temporal modeling of traffic congestion triggered by incidents**  
Arfanara Najnin, Curtin University, Australia

**Coffee Break**

**Title: Remote sensing approach to evaluate sediment diversions on the lower Mississippi River**  
Reda Amer, Tulane University, USA

**Title: Feedbacks between fire and landscape using remote sensing and GIS**  
Olga Viedma, University of Castilla-La Mancha, Spain

**Panel Discussion**

### Day 2  August 02, 2016

#### Conference Hall

### Keynote Forum

**Title: Lunar IceCube: Ushering in a new era of planetary remote sensing using small satellite platforms**  
Benjamin K Malphrus, Morehead State University, USA

**Coffee Break**

**Title: New era of 3D coastal morphology mapping using LiDAR and unmanned aerial vehicle**  
Xuelian Meng, Louisiana State University, USA

**Sessions:**  
Geodynamics | Digital Earth

**Session Chair: N S Nethengwe, University of Venda, South Africa**

**Title: Schoenoplectus americanus clones and genetic heat map across kirkpatrick marsh, edgewater, MD**  
Jennifer L Summers, Tulane University, USA

**Title: Mobile data and individual client diagnostic acquisition from pgws call analysis utilizing spark and the hadoop ecosystem**  
Wilbert A. McClay, Northeastern University, USA

**Lunch**

**Title: Spatio-temporal analysis of tuberculosis in relation to socio-economic and environmental factors**  
Iqra Ashraf, National University of Science and Technology, Islamabad
### Poster Presentations

<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Affiliation</th>
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<tr>
<td><strong>GIS01</strong> Impact of geophysics in small-scale mining</td>
<td>Antonio Carlos Martins, University of São Paulo, Brazil</td>
<td></td>
</tr>
<tr>
<td><strong>GIS02</strong> Determining the relationship between gully characteristics</td>
<td>F Dondofema, University of Venda, South Africa</td>
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<td>and environmental factors at subcatchment</td>
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<tr>
<td><strong>GIS03</strong> Possibility of detection and identification of boats and</td>
<td>Ichio Asanuma, Tokyo University of Information Sciences, Japan</td>
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<tr>
<td>vessels detected by day-night-band of VIIRS and synthetic aperture</td>
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<td>radar on RADARSAT</td>
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<td><strong>GIS04</strong> Development of safety information management system</td>
<td>Kyungssoo Pyo, National Disaster Management Research Institute, Korea</td>
<td></td>
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<tr>
<td><strong>GIS05</strong> Possibility of detection and identification of boats and</td>
<td>Papia Faustina Rozario, North Dakota State University, USA</td>
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<tr>
<td>vessels detected by day-night-band of VIIRS and synthetic aperture</td>
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<td>radar on RADARSAT</td>
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<td><strong>GIS06</strong> Urban change detection method of multi-temporal remote</td>
<td>V V Hnatushenko, Oles Honchar Dnipropetrovsk National University, Ukraine</td>
<td></td>
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<td>sensing images</td>
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<td><strong>GIS07</strong> Quantifying spatiotemporal change in land use and land</td>
<td>V V Vasiliev, Oles Honchar Dnipropetrovsk National University, Ukraine</td>
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<td>cover and assessing water quality: Case study of Missouri watershed</td>
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<td>James sub-region, North Dakota</td>
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<td><strong>GIS08</strong> Development of safety information management system</td>
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<td><strong>GIS09</strong> Possibility of detection and identification of boats and</td>
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<td>vessels detected by day-night-band of VIIRS and synthetic aperture</td>
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<td>radar on RADARSAT</td>
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<tr>
<td><strong>GIS10</strong> Urban change detection method of multi-temporal remote</td>
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<td>sensing images</td>
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**Coffee Break**

**Award Ceremony & Panel Discussion**

**Day 3 August 03, 2016**

| Networking | Lunch |

**Bookmark Your Dates**

2nd World Congress on **GIS & Remote Sensing**

July 17-18, 2017 Vienna, Austria

Website: www.gis-remotesensing.conferenceseries.com
2nd International Conference and Exhibition on

Satellite & Space Missions

July 21-23, 2016  Berlin, Germany

Day 1  July 21, 2016

Registrations

Emporio II

conferenceseries.com

Opening Ceremony

Project Launch on FUTURE MISSION

FUTURE MISSION is a ALZAHRAHI SPACE INNOVATION Project with the goal of innovation and preparation a permanent human innovation centre in space. Participants will be able join mission team on Earth and in space starting 2018. FUTURE MISSION is a global initiative aiming to make innovation in space closer than we think. Join FUTURE MISSION’s efforts to make Dream a Reality for mankind.

info@future-mission.com

ALZAHRAHI SPACE INNOVATION
Poland, AL KEN 91, Warszawa, 02-777

Keynote Forum

Introduction

Capt. Abdullah Al Zahrani, Alzahrani Space Innovation, Poland
Dorian Gorgan, Technical University of Cluj-Napoca, Romania
Balwant Rai, Kepler Space Institute, USA

Session Chair: Dorian Gorgan, Technical University of Cluj-Napoca, Romania
Session Co-Chair: Joseph Seckbach, The Hebrew University of Jerusalem, Israel

Group Photo

Networking & Refreshments

Sessions:
Space Missions  |  Space Exploration  |  Earthquake Engineering  |  Types of Satellites and Applications  |
Aerospace Engineering and Technology  |  Applications of Satellite Technology  |  Climate change and Weather forecasting

Session Introduction

Mark A Skinner, The Boeing Company, USA
Balwant Rai, Kepler Space Institute, USA
Yuksel Altiner, Federal Agency for Cartography and Geodesy in Frankfurt am Main, Germany
Sunil C Joshi, Nanyang Technological University, Singapore
Stanislav I Klimov, Russian Academy of Sciences (IKI RAS), Russia
Daniel Casanova Ortega, University of Zaragoza, Spain
Massimo Materassi, Institute for Complex Systems of the National Research Council, Italy

Lunch Break

Oleg Troshichev, Arctic and Antarctic Research Institute, Russia
Chan Kheong Sann, Data Storage Institute (DSI), Singapore
Joseph Seckbach, The Hebrew University of Jerusalem, Israel
Oyvind G Gron, Oslo and Akershus University, Norway
Maffione Porzia Federica, Politecnico di Torino, Italy

Networking & Refreshments 15:15-15:30 @ Main Lobby
Moisés Meza Pariona, State University of Ponta Grossa, Brazil
Alberto Gallina, AGH University of Science and Technology, Poland
Erwin De Donder, Royal Belgian Institute for Space Aeronomy, Belgium
Mohamed Mhmod, Jilin University, China
Alexander M Krot, United Institute of Informatics Problems of National Academy of Sciences, Belarus

Sathish Ayyappa, University of Agricultural Sciences, India
Yasser A Abdel-Hadi, National Research Institute of Astronomy and Geophysics (NRIAG), Egypt
Hongfei Wang, Chinese Academy of Sciences, China
Muhammad Shakir, University of Chinese Academy of Sciences, China

Networking & Refreshments

Session Chair: Barbara Koch, Albert-Ludwigs University of Freiburg, Germany
Session Co-Chair: Nicolas H Younan, Mississippi State University, USA

**Emporio II**

**Keynote Forum**

**Introduction**

Barbara Koch, Albert-Ludwigs University of Freiburg, Germany
Oyvind G Gron, Oslo and Akershus University, Norway
Stanislav I Klimov, Institut Kosmicheskih Issledovanyi - RAS, Russia

**Networking & Refreshments**

Sessions:

Session Chair: Barbara Koch, Albert-Ludwigs University of Freiburg, Germany
Session Co-Chair: Nicolas H Younan, Mississippi State University, USA

**Session Introduction**

Dennis Wingo, Skycorp Incorporated, USA
Nicolas H Younan, Mississippi State University, USA
Barbara Koch, Albert-Ludwigs University of Freiburg, Germany
Valentine A Yankovsky, St. Petersburg State University, Russia
Elena Ancona & Roman Ya Kezerashvili, Polytechnic University of Turin, Italy/The City University of New York, USA
Joaquin Alonso Montesinos, University of Almeria, Spain
Pier Matteo Barone, The American University of Rome, Italy

**Lunch Break**

Luiz Sampaio Athaye Junior, UFBA-Federal University from Bahia, Brazil
Victor V Ionov, St. Petersburg State University, Russia
Mikhail Yu. Puzachenko, Institute of Geography RAS, Russia
Ebrahim Taherzadeh Mobarakheh, Ground Data Solutions R&D Sdn Bhd, Malaysia
Seong Chan Jun, Yonsei University, Korea

**Networking & Refreshments**

**Poster Presentations**

Meryem Tahri, University Hassan II, Morocco
Hamisai Hamandawana, University of Fort Hare, South Africa
Sunil C Joshi, Nanyang Technological University, Singapore

**Networking & Refreshments**

Dorian Gorgan, Victor Bacu, Constantin Nandra, Technical University of Cluj-Napoca, Romania
Lotfy Kamal Azaz, Menofya University, Egypt

**Panel Discussion**

**Award Ceremony**

Day 3 July 23, 2016

Extended Networking Session