Joint International Geoinformation Conference 2015

- Geomatic and Geospatial Technology
- 3D Geoinfo
- GeoAdvances
- ISPRS WG II/2 Workshop
- National Underground Utility Mapping Seminar

Call for Participation

6 CPD Points From LJT

Hotel Istana
Kuala Lumpur, Malaysia
28 – 30 October 2015
27 October (Tutorial)

www.geoinfo.utm.my/jointgeoinfo2015

GGT
Geomatic & Geospatial Technology
International Conference

3DGeoinfo

GeoAdvances
2015

isprs
information from imagery

Introduction

It is our great pleasure to invite all of you to the joint conference where 4 conferences meet at one place, Kuala Lumpur, Malaysia from 28 – 30 October 2015. Kuala Lumpur is the city where the 3D Geoinfo was born in 2006. Thus, year 2015 will be the 10th anniversary for the conference series. We also would like to introduce a brand new conference – International Conference on Geomatic and Geospatial Technology, and the first conference organized by the Geomatic and Land Survey (GLS) Division of the Royal Institution of Surveyors Malaysia (RISM). GeoAdvances and ISPRS WG 2/II have been organized by the University of Technology Malaysia (UTM) with colleagues from ISPRS (International Society for Photogrammetry and Remote Sensing) since last few years.

You are invited to submit a full technical paper and extended abstract for the following tracks (3D Geoinfo, Geomatic and Geospatial Science & Technology, GeoAdvances or ISPRS WG II/2 workshop). All submissions will be subject to double blind review by the programme scientific committee. Accepted full papers for the 3D Geoinfo will be published in Springer Lecture Notes in Geoinformation and Cartography (LNGC) series. Accepted papers for Geomatic and Geospatial Technology, GeoAdvances, ISPRS WG II/2 and National Underground Utility Mapping Seminar will be published by ISPRS (SCOPUS indexed). We also encouraged postgraduate students and researchers to submit their on-going works with poster session via extended abstract.

This joint conference also organizes one-day tutorials (on 27 October 2015) and industrial talks during the conference day. The planned tutorials and industrial talks are:

- 3D City Modelling *(Prof. Dr Volker Coors, HFT Stuttgart, Germany)*
- 3D Cadaster *(Prof Dr Peter Van Oosterom, TU Delft, The Netherlands)*
- 3D Modelling and Simulations Using Airborne and Terrestrial LIDAR Datasets *(Assoc Prof Dr Gurcan Buyuksalih, BIMTAS, Turkey)*
- 3D Point Cloud Data Management *(Dr Mike Horhammer, Oracle, USA)*
- 3D and 4D Geospatial Database *(Prof Dr Martin Breunig, KIT, Germany)*
- Real Time GIS in 3D *(Morakot Pilouk, ESRI, Redlands, USA)*
- 3D Mapping and Products for National Mapping Agency *(Rollo Home, Ordinance Survey, UK)*
- Integrating and Analyzing BIM in GIS *(Dr Ihab Hijazi An-Najah University, Palestine and Assoc Prof Dr Umit Isikdag, Beykent University, Turkey)*

KLCC Twin Tower

Langkawi Island

Cameron Highland

Putrajaya

Conference Topics

Geomatic and Geospatial Technology 2015

- Photogrammetry
- Cartography
- Land Administration Domain Model (LADM)
- Global Positioning System (GPS) and GNSS
- Geodynamics
- Location-Based Services (LBS)
- Modeling and Analysis of Remotely Sensed Data
- Airborne and Terrestrial Laser Scanning,
- LiDAR and UAV Mapping
- Land Development
- Geospatial Data Modeling (including Temporal)
- Hydrography and Charting
- Spatial Data Infrastructure (SDI)
- Environmental Mapping
- GIS and Remote Sensing Application
- Building Information Modelling (BIM)
- Open Source Geoinformation
- Volunteered Geographic Information
- FIG Geomatic Education

3D Geoinfo 2015

- 3D Geoinformation Requirements
- 3D Spatial Data Infrastructure & Integration
- 3D Data Acquisition and Processing
- 3D GIS and Temporal (4D)
- 3D Cadastre
- 3D Marine Information System
- 3D Spatial Databases
- 3D Standards for Geospatial Technologies
- 3D Open Source Development
- 3D City Modelling and CityGML standards
- 3D Geometry and Topology
- 3D Visualisation, Augmented and Virtual Reality
- 3D Spatial Analysis and Simulation
- 3D Indoor and Outdoor Navigation
- 3D GIS Applications (floods, disaster, etc)
- 3D Generalization
- 3D Products for NMA (National Mapping Agency)
- 3D Geoweb

GeoAdvances 2015

- Change Detection, Data Capture and Updating
- Image-Based, Point Cloud and Crowdsourced Updating of Geospatial Databases
- Digital Landscape and Urban scape Modeling and Visualization
- Access to Remote Data Sources, Including Metadata and Open Source Digital Data Standards
- Automated Feature and Attribute Extraction Techniques and Methodologies from Multi-Sensor, Multi-Resolution, Multi-Spectral Hyperspectral and Multi-Temporal Imagery
- Spatial, Spectral and Temporal Properties of Natural and Human-Formed Objects
- Fundamental Research into Image Understanding for Object Detection, Recognition, Identification and Reconstruction
- Spatial Data and Model Quality
- Spatial Reasoning and Spatial Data Mining
- Interoperability of Heterogeneous Spatial Information Systems and System Integration
- Geostatistics, Computer Graphics and Cloud Computing for Spatial Data and Information

ISPRS WG II/2 Workshop 2015:
Multiscale n-Dimensional Spatial Data Representations, Data Structures and Algorithms

- Topological and Geometric Data Structures for Multi-Scale Data Handling, Analysis and Generalization
- Topological and Geometric Data Structures for Representing, Handling and Analysing n-Dimensional Spatial Data
- Multi-Scale Modeling and Representation of Image Data- Algorithms for 2D/3D/nD Spatial Data Analysis Generalization at Multiple Scales
- Multiple Scale Representation: Conceptual, Logical and Physical Data Modelling and Database Design, Model Generalization
- n-Dimensional Representation: Conceptual, Logical and Physical Data Modelling and Database Design - Data Enrichment for Context Aware Generalization: Extraction of Topological Structure and Semantic Information
- Continuous Generalization: Incremental Streaming of Multi-Scale Spatial Data
- Multi-Scale Modeling and Representation of Image Data
- Collaboration with other Communities, such as Computational Geometry, Databases, Location-Based Services

National Underground Utility Mapping Seminar 2015

- Underground Utility Mapping and Related Issues (Invited Papers)

Important Dates (New Updates)

Full Paper Submission	~~10 June 2015~~ 30 June 2015
Notification of Acceptance	~~30 June 2015~~ 20 July 2015
Submission of Modified Full Paper	~~31 July 2015~~ 20 August 2015
Extended Abstract (Poster)	1 August 2015
Final Submission (Camera Ready)	30 August 2015

Submission Page:
http://www.geoinfo.utm.my/jointgeoinfo2015/papersubmission.html

Registration Fee

Conference Fee (New Price)

Normal	~~RM2000~~ RM1590
Student	~~RM1500~~ RM1060
Early Bird (until 15th of August 2015)	~~RM1800~~ RM1378
NUUM Seminar	RM1590

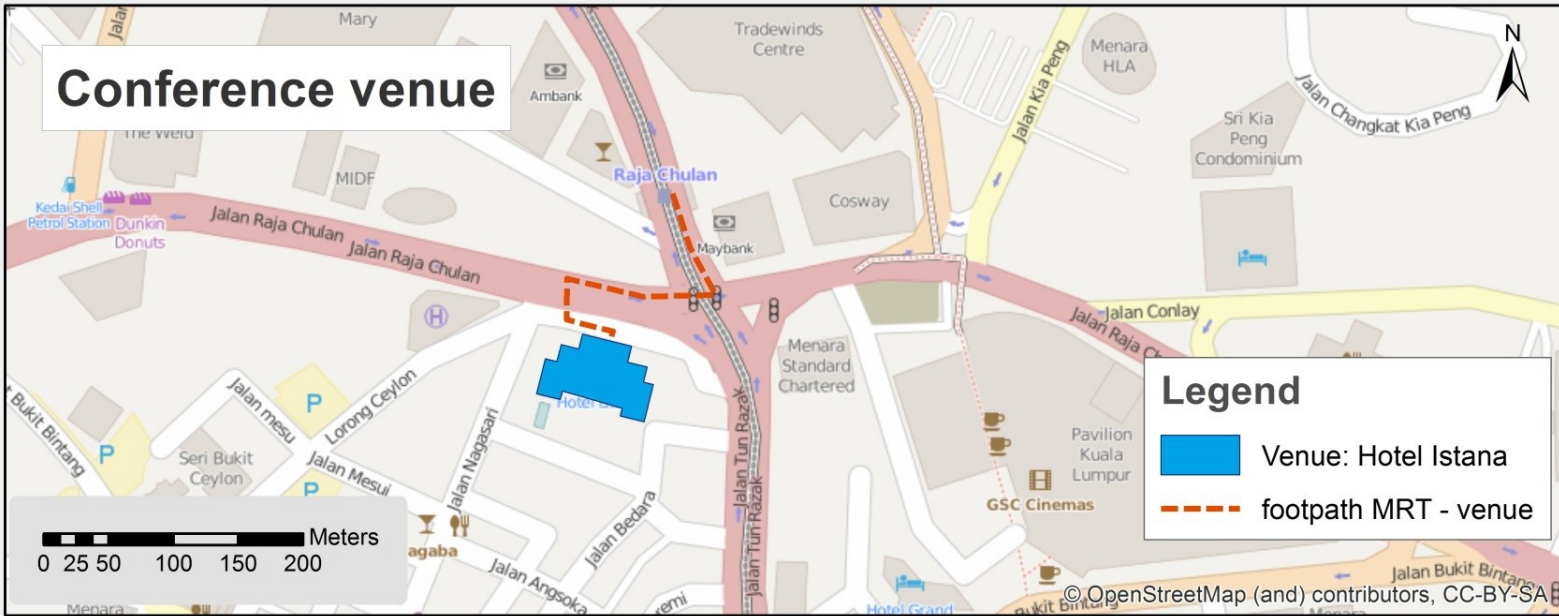* The fee covers coffee, lunch and proceeding

Add-ons

Tutorial Fee	RM424
Conference Dinner	RM265
Accompanying Person	RM1060
Half-Day Excursion to Putrajaya	Free

All fees are inclusive 6% GST

Contact Info

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Location Map

Patron

Director-General, Dept. of Survey and Mapping Malaysia (JUPEM)
Datuk Sr. Ahmad Fauzi Nordin

Organizing Committee

Chairman, Dato' Sr. Mohd. Noor Isa
Co-Chair, Alias Abdul Rahman

• Dato' Wan Muhd Aminuddin Wan Hussin • Abdul Hadi Abdul Samad • Azhari Mohamed • Hui Jin • Ivin Amri Musliman • Johari Wahab • Kamaludin Mohd. Omar • Mohamad Ghazali Hashim • Muhammad Imzan Hassan • Muhamad Jaafar • Mohamad Nor Said • Mohd. Sanusi S. Ahamad • Pankaj Kumar • Saiful Wazlan Wahab • Stefan Peters • Suhaibah Azri • Shuhaida Ramli • Tan Liat Choon • Uznir Ujang • Wan Muhd. Hairi Wan Ab. Karim • Zaid Abdullah

Conference Location

Hotel Istana
Kuala Lumpur City Centre,
73 Jalan Raja Chulan,
50200 Kuala Lumpur,
Malaysia

How to Get There?
(please follow the following direction):

Kuala Lumpur International Airport (KLIA and KLIA2) ⟶ KLIA Express Train ⟶ Kuala Lumpur Sentral Station (KL Sentral) ⟶ Taxi ⟶ Hotel Istana

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