PRE-ICIS WORKSHOP

(*final, 11-29-16)*

**Locational Analytics, Spatial Decision Making**

**and Big Data: Research And Teaching**

*Shannon Room, Marker Hotel*

*Grand Canal Square, Docklands*

*Dublin, Ireland*

*Sunday, December 11, 2016, 8:30am – 2:20pm*

This workshop focuses on locational analytics, spatial decision-making, and big data, starting with fundamentals and emphasizing emerging technology topics including locational big data, 3-D modeling, space-time trend analysis, geo-enabled smart phones, LIDAR, visualization, geo-design, and applications. The keynote talk by a leader in GIS in Europe highlights the emerging area of spatial analysis and decision-making in the European context. In the afternoon part of the workshop, contributed papers will be presented on a variety of topics in GIS in business and government.

Sponsored by AIS’s Special Interest Group in Geographic Information Systems.

**Organizers and Presenters.**

Peter Keenan, University College Dublin

Namchul Shin, Pace University

Dan Farkas, Pace University

James Pick, University of Redlands

**Keynote Speaker**: Professor Zorica Nedović-Budić, University College Dublin,

on topic of Locational Analytics and GIS to Enhance Planning by European Governments

**INDUSTY KEYNOTE TALK**: Dr. Michael Gould, Global Education Manager, Esri, on topic of GIS and Location Analytics in Universities: Growth and Opportunities.

**Workshop Refereed Proceedings are Available at:**

[www.siggis.wikispaces.com](http://www.siggis.wikispaces.com)

***Contact for Workshop information:***

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*Final Program of Pre-ICIS Workshop*

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| 8-8:30am | *PRE-WORKSHOP COFFEE/TEA* |  |
| 8:30-8:40am | Introductions, Introduction to Workshop, Acknowledgments | James Pick |
| 8:40-9:15am | Overview of Spatial Big Data and Analytics | James Pick |
| 9:15-9:45am | Spatial Data and Decision Making | Peter Keenan |
| 9:45-9:55am | *Coffee/Tea Break*  Biscuits |  |
| 9:55-10:15am | Research Opportunities in Locational Analytics, Spatial Decision Making, and GIS for IS/IT Researchers. Includes findings from a new AIS-based survey on current state of research | Namchul Shin |
| 10:15-10:40am | Breakout into Discussion Groups |  |
| 10:40-11:30am | **Keynote** **Talk**.  Professor Zorica Nedović-Budić, University College Dublin  Locational Analytics and GIS to Enhance Planning by European Governments |  |
| 11:30-12:20am | *Lunch in the Shannon Room*  (assorted lunch boxes,  tea and coffee) |  |
| 12:20-1:25pm | Contributed Peer-Reviewed Research Papers Session  *Intelligent Decision Support Capabilities for a Law Enforcement GIS*  Bel Raggad, Pace University  *Pulsating Market Boundaries in Supply Chain Network of Nitrogenous Fertilizers*  Sumadhur Shakya, California State University Monterrey Bay  William Wilson, North Dakota State University  Bruce Dahl, North Dakota State University    *Multinational and Indigenous IT Companies in Ireland: Exploring the Spatial Relationships between the Two Tiers*  Gianluca Miscione, Paula Carroll, Sabrina Dekker, Zorica Nedovic-Budic, and Harutyun Shahumyan  University College Dublin | Dan Farkas  Chair of Session |
| 1:25-2:05pm | **Industry Keynote**. Michael Gould, Director of Education for Europe, Esri  “GIS and Location Analytics in Universities: Growth and Opportunities” |  |
| 2:05-2:20pm | Workshop Summary |  |

*Biographies of Keynote Speakers*

**Zorica Nedović-Budić** is Professor Chair of spatial planning and technology in the School of Architecture, Planning, and Environmental Policy at University College, Dublin. After receiving a Ph.D. from University of North Carolina, she was professor at the University of Illinois, prior to joining UCD. She has authored more than 50 book chapters and journal articles, and is co-editor of three books. She conducts research in geospatial technologies, urban planning and public administration. She has been a board member of URISA and USGIS, and on the editorial boards of four journals, as well as a member of the Executive Committee of the Association of European Schools of Planning.

**Michael Gould** is Esri’s Global Education Manager, based in Spain. In addition, he is a GIS Professor at Universitat Jaume I. He holds a Ph.D. in Geography/GIS from State University of New York at Buffalo. He has been at Esri in various educational roles in Spain and Redlands, California, since 1991. He has served on committees of many international GIS and geography organizations. He has authored a GIS textbook (in Spanish) and more than 150 journal articles and international conference papers. He co-founded the M.S. in Geospatial Technologies degree program of University of Muenster and Nova de Lisboa.

***Workshop Registration Onsite***

Registration for the pre-ICIS Workshop is at [http://icis2016.aisnet.org/registration/#reg](http://icis2016.aisnet.org/registration/" \l "reg" \t "_blank)

You can register separately for the Ancillary Workshop only (click on “Register for SIG/Ancillary Workshop ONLY”), or for the ICIS Conference and Ancillary Workshop.

AIS member pricing is $85 for walk-in participants.