

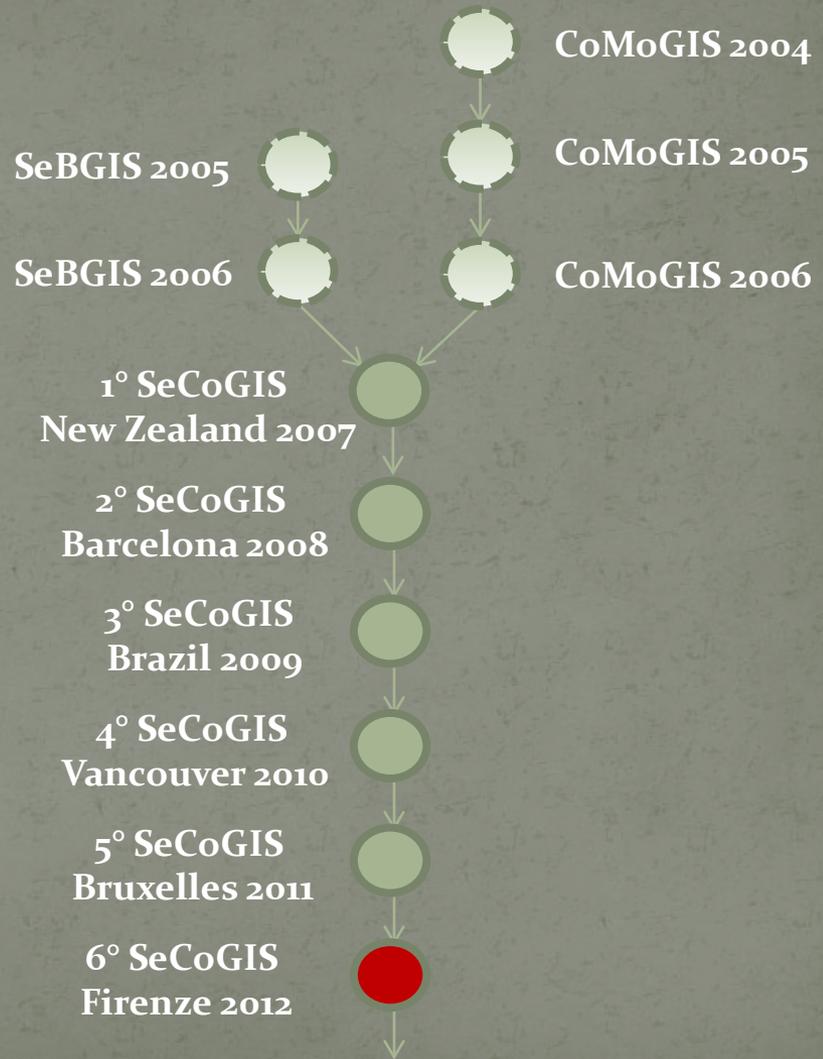
Sixth International Workshop on Semantic and Conceptual Issues in GIS (SeCoGIS 2012)

Firenze, 16 october 2012

in conjunction with ER 2012

Eliseo Clementini, Esteban Zimanyi
Program Co-Chairs SeCoGIS 2012

SeCoGIS History



Aim of SeCoGIS

- The aim of SeCoGIS is to stimulate discussions on the integration of conceptual modeling and semantics into current geographic information systems, and how this will benefit the end users

Submissions

- 25 submissions
- the Program Committee selected 10 high quality papers
- acceptance rate of 40%.

Program

Session 1: New frontiers of spatio-temporal dimensions (10:30-12:00)

Chair: Eliseo Clementini

- Invited speaker. **Krzysztof Janowicz**. Key Ingredients For Your Next Semantics Elevator Talk
- **Christophe Claramunt**. Towards a spatio-temporal form of entropy

Session 2: Semantic Issues (12:00-13:30)

Chair: Esteban Zimanyi

- **Andrea Ballatore**, David Wilson and Michela Bertolotto. The Similarity Jury: Combining expert judgements on geographic concepts
- Mohamed Bakillah, **Mir Abolfazl Mostafavi** and Steve.H.L Liang. Enriching SQWRL Queries in Support of Geospatial Data Retrieval from Multiple and Complementary Sources
- **Claudio Campelo**, Brandon Bennett and Vania Dimitrova. From Polygons and Timestamps to Dynamic Geographic Features: Grounding a Spatio-temporal Geo-ontology

Lunch (13:30-15:00)

Program

Session 3: Conceptual Issues (15:00-16:30)

Chair: Christophe Claramunt

Virupaksha Kanjilal and Markus Schneider. User View of Spatial Networks in Spatial Database Systems

Joel Grira, Yvan Bedard and Tarek Sboui. A Collaborative User-Centered Approach To Fine-Tune Geospatial Database Design

João Longo, Luís Camargo, Claudia Medeiros and André Santanchè. Using the DBV model to maintain versions of multi-scale geospatial data

Coffee Break (16:30-17:00)

Session 4: Spatio-Temporal Issues (17:00-18:30)

Chair: Yvan Bédard

Kostas Patroumpas. Multi-scale Windowing over Trajectory Streams

Christelle Pierkot. Geographic standards based metamodel to formalize spatio-temporal knowledge in remote sensing applications

Jean-Marie Le Yaouanc and **Jean-Philippe Poli**. A Fuzzy Spatio-Temporal-based Approach for Activity Recognition

Invited speaker

- **Krzysztof Janowicz (University of California)**
- Bio Sketch:
 - Assistant Professor for Geographic Information Science at the Geography Department of the University of California, Santa Barbara, USA
 - Before, Assistant Professor at the GeoVISTA Center, Department of Geography at the Pennsylvania State University, USA
 - Before, postdoctoral researcher at the Institute for Geoinformatics (ifgi), University of Münster, Germany
- Main research interests:
 - Semantic web
 - Location-based services
 - Geo-spatial ontologies
- Talk : «Key Ingredients For Your Next Semantics Elevator Talk»

Enjoy the workshop!