

MODAP DISSEMINATION REPORT FOR THE FIRST YEAR

Dissemination activities performed during the review period are in the form of presenting at conferences, and workshops. Panels were organized on MODAP topics. The highlights of our dissemination activities are:

- MODAP newsletter: During the first year, we published 6 issues of the newsletter each of them guest edited by one of the core partners. The first volume of the newsletter can be reached at www.modap.org under the newsletter section.
- Exhibition at European parliament. (KDD Lab., ISTI-CNR). European Parliament, Strasbourg, April, 20-21 2010.
- Networking Session-Panel organized under the ICT Conference, September 29, 2010 in Brussels. The panelists were:
 - *Colette Cuijpers (Assistant Professor at Tilburg Institute for Law, Technology, and Society)*
 - *Patrick Van Deven (Country Manager of SAS Belgium & Luxembourg)*
 - *Roberto Lattanzi (Seconded National Expert European Data Protection Supervisor)*
 - *Dino Pedreschi (Professor of Computer Science, University of Pisa)*

An interview by Sabanci University and BRUNEL University with Tricia Bisoux from BizEd Magazine in April 2010 was a good example of joint public dissemination activity of two ICT projects, MODAP and UBIPOL. The BizEd magazine is produced by the AACSB (Association to Advance Collegiate Schools of Business) and it has around 15,000 subscribers – many of which are business schools where the magazine is read by a number of people, therefore the interview is expected to reach a much larger number of readers than 15,000.

MODAP promotional material has been distributed in major conferences such as IEEE ICDM 2009, ACM SACMAT 2010, ECMLPKDD 2010, ACM GIS SIGSPATIAL 2009. In ECMLPKDD 2010, the MODAP newsletter was distributed with the brochure to around 500 participants.

MODAP project was announced SIGSPATIAL Newsletter, Vol 1 No 3. with title “Privacy on the Move: EU Funds MODAP project”

Our detailed dissemination activities have been listed below.

Workshop Organization

SADM – Semantic aspects of Data Mining, in conjunction with ICDM 2009, Miami, USA, December 6, 2009. Co-organizers: Chiara Renso (KDDLab ISTI-CNR), Vania Bogorny (UFSC, Brazil) and Hui Xiong (Rutgers, USA).

HYPERLINK "<http://sadm09.isti.cnr.it/>" <http://sadm09.isti.cnr.it/>

Are you in the Flow? Workshop on Movement Research, in conjunction with AGILE

2010, Guimaraes, Portugal, May 11 2010. Co-organizers Chiara Renso (KDDLab ISTI-CNR), Monica Wachowicz (WUR), Maria Damiani (UNIMI), Georg Gartner (TUW).

Workshop on Geospatial Visual Analytics: Focus on Time at AGILE conference, Guimaraes PT, May 2010.

Journal Special Issues

Guest editing of the Special Issue of the Journal KAIS edited by Springer on “Context-aware data mining”, Co-editors Vania Bogorny and Hui Xiong.

Geospatial Visual Analytics: Focus on Time. International Journal Geographical Information Science, 2010, v.24 (10)
pp. 1453-1600

Geospatial Visual Analytics: Focus on Time. Journal of Location-Based Services, 2010, v.4(3)

Scientific Presentations

Mobility Data Mining: talk given by Chiara Renso (KDDLab, ISTI-CNR) at the Federal University of Santa Catarina, Brazil, given during the visit of Chiara Renso to Vania Bogorny supported by CNR Short Term Mobility Program in October 2009.

The MODAP project and the Privacy Observatory: talk by Chiara Renso (KDDLab, ISTI-CNR) at the ANONIMO project meeting in Milan, January 2010.

M-Atlas demo presented at EDBT conference held in Lausanne in March 2010 by Roberto Trasarti (KDDLab, ISTI-CNR).

MODAP activity at KDDLAB presented by Chiara Renso (KDDLab, ISTI-CNR) at the EU Cost Action MOVE Working Groups meeting held in Zurich in June 2010.

Mobility Data Mining and Privacy Issues: talk given by Chiara Renso at the Federal University of Ceara, Fortaleza, Brazil, during the visit of Chiara Renso to Jose Macedo supported by CNPQ in July, 2010.

Mobility, Data Mining and Privacy: *Dino Pedreschi* (KDD Lab., ISTI-CNR). NetMob: Workshop on the Analyses of MOBILE phone network, May 11, 2010, MediaLab, MIT, Cambridge MA USA

M-Atlas: creating the atlas of urban mobility by mining massive GPS trajectory data: Fosca Giannotti, (KDD Lab., ISTI-CNR). NetSci2010, The International Conference on

Network Science, May 10-14, 2010, Boston USA

Invited Lectures

Mobility, Data Mining and Privacy: *Dino Pedreschi* (KDD Lab., ISTI-CNR).
NGDM09: NSF - Next Generation Data Mining summit: dealing with energy crisis, greenhouse emissions, and transportation challenges. October 1-3 2009. Columbia, MD, USA

Mobility, Data Mining and Privacy: mining human mobility patterns from trajectory data. Fosca Giannotti, & *Dino Pedreschi* (KDD Lab., ISTI-CNR). Barabasi Lab. Center for Complex Network Research, Northeastern University, Boston. MA. October 1-3 2009.

Mobility, Data Mining and Privacy: Lessons from the GeoPKDD EU Project by Fosca Giannotti, (KDD Lab., ISTI-CNR).
SIAM Conference on Mathematics for Industry: Challenges and Frontiers (MI09), taking place October 9-10, 2009, San Francisco Financial District in San Francisco, California.

Mobility, Data Mining and Privacy: *Dino Pedreschi* (KDD Lab., ISTI-CNR). IMOB: NGDM09: Center for Transportation, University of Hasselt. November 10 2009. Belgium

Privacy and Anonymity preserving technology for mobility data. *Dino Pedreschi* (KDD Lab., ISTI-CNR). University of Hasselt. November 12 2009. Belgium

Mobility, Data Mining and Privacy: mining human mobility patterns from trajectory data. Fosca Giannotti, & *Dino Pedreschi* (KDD Lab., ISTI-CNR). Stevens Institute of Technology, Hoboken NJ. October 23, 2009.

Mobility, Data Mining and Privacy: mining human mobility patterns from trajectory data. Fosca Giannotti, & *Dino Pedreschi* (KDD Lab., ISTI-CNR). Google, Boston MA, February 17, 2010

Mobility, Data Mining and Privacy: mining human mobility patterns from trajectory data. Fosca Giannotti, & *Dino Pedreschi* (KDD Lab., ISTI-CNR). Media Lab, MIT, Cambridge MA, March, 3 2010.

Mobility, Data Mining and Privacy: mining human mobility patterns from trajectory data. Fosca Giannotti, & *Dino Pedreschi* (KDD Lab., ISTI-CNR). Transportation Lab, MIT, Cambridge MA, March, 17 2010.

Mobility, Data Mining and Privacy: mining human mobility patterns from trajectory

data. Fosca Giannotti, & *Dino Pedreschi* (KDD Lab., ISTI-CNR). Senseable City Lab, MIT, Cambridge MA, March, 23 2010.

Mobility, Data Mining and Privacy: mining human mobility patterns from trajectory data. Fosca Giannotti, & *Dino Pedreschi* (KDD Lab., ISTI-CNR). DataBase Lab, MIT, Cambridge MA, April, 1 2010.

Tutorials

Dimitrios Gunopoulos presented a tutorial on "Similarity of Motions" at the 11th International Conference on Mobile Data Management (MDM 2010) Kansas City, Missouri, May 23-26, 2010. The tutorial was prepared with Goce Trajevski and with the help of several MODAP members, and showcased the research work of several MODAP members. The MODAP project was acknowledged throughout.

Dimitrios Gunopoulos presented a paper on Data management on mobile sensor networks at the 2010 Hellenic Databases Symposium, Agia Napa, Cyprus, July 1, 2010. The MODAP project was also acknowledged.

Dimitrios Gunopoulos presented a keynote talk at the GrC2010 (2010 IEEE International Conference on Granular Computing), Aug 13-17, San Jose, CA. The MODAP project was acknowledged.

"Practical introduction to geospatial visual analytics"

Gennady Andrienko gave a tutorial on "Practical introduction to geospatial visual analytics" at GIScience conference, Zuerich CH, September 2010

Bart Kuijpers (UHasselt) gave the talk " Mobility, Data Mining and Privacy" at the Dagstuhl Seminar 10121 "Computational Transportation Science" (presenting the MODAP project and results from GeoPKDD), Dagstuhl, Germany, March 21-26, 2010.

Bart Kuijpers (UHasselt) was invited speaker at the 17th International Symposium on Temporal Representation and Reasoning (TIME'10) with the talk "Dealing with uncertainty in trajectory databases", Paris, France, September 6-8, 2010

Stefano Speccapietra gave a tutorial with Esteban Zimányi, and Chiara Renso on Mobility Data: Modeling, Management, and Understanding at the International Conference on Information and Knowledge Management (CIKM 2010) , Oct 25, 2010 - Oct 29, 2010 Toronto, ON, Canada.