INTERNATIONAL CARTOGRAPHIC ASSOCIATION
Working Group on Digital Technologies in Cartographic Heritage

First International Workshop
DIGITAL APPROACHES TO CARTOGRAPHIC HERITAGE
Thessaloniki, 18 – 19 May 2006

PROGRAMME

Thursday 18 May 2006

08:00 – 09:00 Registration

SESSION 1
Chair: **M. Myridis,** *President, Hellenic Cartographic Society*

09:00 – 09:15 **Konečný M.** *Brno, President, International Cartographic Association*
Tourta A. *Thessaloniki, Director, Museum of Byzantine Culture*
09:15 – 09:25 **Livieratos E.** *Thessaloniki, ICA WG Digital Technologies in Cartographic Heritage*
09:25 – 09:45 **Gartner G.** *Vienna, ICA Commission on Maps and the Internet,* Keynote address.
09:45 – 10:00 **Zentai L.** *Budapest,* Preservation of modern cartographic products.
10:00 – 10:15 **Bandrova T., Kameranov A.** *Sofia,* Present condition and proposal for conservation of old maps in Bulgaria.
10:15 – 10:30 **Beconyte G., Cesnulevicius A.** *Vilnius,* Lithuanian old maps: periods, methods, accuracy and perspectives.
10:30 – 10:40 Discussion
10:40 – 11:00 Coffee

SESSION 2
Chair: **G. Gartner** / **L. Tsoulos**

11:00 – 11:15 **Fleet C.** *Edimburgh,* Locating trees in the Caledonian forest: a critical assessment of methods for presenting series mapping over the web.
11:15 – 11:30 **Jessop M.** *London,* Promoting cartographic heritage via digital resources on the web.
11:30 – 11:45 **Reyes Nuñez J. J.** *Budapest,* A website about map history for Hungarian pupils.
11:45 – 12:00 **Drakoulis D.** *Thessaloniki,* The study of late antique cartography through web based sources.
12:00 – 12:15 **Lovison-Golob L.** *Boston, Ma,* Bringing the age of exploration of Africa and its heritage to the web.
12:15 – 12:30 **Kowal K.** *London,* Mercator, hands-on: the use of "experiential" technology for atlases.
12:30 – 12:45 Discussion
12:45 – 14:00 Break

SESSION 3
Chair: **B. Rystedt** / **K. Kowal**

14:00 – 14:15 **Jenny B.** *Zurich,* Analysis of the planimetric accuracy of historical maps with digital tools.
14:15 – 14:30 **Daniil M.** *Xanthi,* Comparing by digital transparency the differences between two almost identical 17th century maps of North Aegean.
14:30 – 14:45 **Livieratos E., Koussoulakou A.** *Thessaloniki,* Vermeer's maps: a new digital look in an old master's mirror.
14:45 – 15:00 **Gaspar J. A.** *Lisbon,* The myth of the square chart.
15:00 – 15:15 **National Centre for Maps and Cartographic Heritage** *Thessaloniki,* Presentation.
15:15 – 15:30 Discussion
15:30 – 16:00 Coffee

SESSION 4
Chair: **L. Zentai** / **G. Tolias**

16:00 – 16:10 **ICA Commission on Education and Training,** Presentation.
16:10 – 16:25 **Jobst M.** *Vienna,* Hybrid considerations on the sustainability of cartographic heritage.
16:25 – 16:40 **Rystedt B.** *Gävle,* The cadastral cartographic heritage of Sweden
16:40 – 16:55 **Fernadez-Wyttenbach A., Ballari D., Manso M.** *Madrid,* Digital Map Library of the Canary Islands.
16:55 – 17:10 **De Gennaro M., Contò F., Gnesutta M., Scarso M., Zampieri A.** *Venice,* The digital archive of aerial photos and its on-line publication.
17:10 – 17:25 **Tsioukas V., Daniil M., Livieratos E.** *Xanthi / Thessaloniki,* Possibilities and problems in close range non-contact 1:1 digitization of antique maps.
17:25 – 17:40 **Geospatial Enabling Technologies** *Athens,* Presentation.
17:40 – 17:55 Discussion

18:15 – 19:00 Inaugurations at the Museum of Byzantine Culture of the Map Exhibition **Holy Mount Athos Metamorphoses on Maps,** Mt Athos Map Library / National Centre for Maps and Cartographic Heritage.

19:00 – 20:30 Ice Breaking

Friday 19 May 2006

08:00 – 09:00 Registration

SESSION 5
Chair: **C. Monti** / **L. Michaelidou**

09:00 – 09:15 **Guerra F., Adami A.** *Venice,* 3D digital maps: New development in cartography for cultural heritage management.
09:15 – 09:30 **Brumana R., Fregonese L., Monti C., Monti C.C., Monti G., Vio E.** *Milan,* Complex analyses of surface, modelling and comparison of the 3D orthophoto to the real scale with historical cartography: Mosaic surface of Basilica of San Marco in Venice.
09:30 – 09:45 **Davie M. F.**, **Frumin M.** *Tours / Jerusalem,* The first 3D visualization of the late 18th- century walled city of Beirut.
09:45 – 10:00 **Achille C., Brumana R., Oreni D., Prandi F.** *Milan,* Georeferencing as availability of space-temporal data: from the historical cartography to the 3D view.
10:00 – 10:15 **Visintini D., Guerra F., Adami A., Vernier P.** *Udine / Venice,* A 3D virtual model of the Gorizia downtown (Italy) by matching historical maps with aerial and terrestrial surveying techniques.
10:15 – 10:30 Discussion
10:30 – 11:00 Coffee

SESSION 6
Chair: **A. Wolodtschenko** / **G. Beconyte**

11:00 – 11:10 **ICA Commission on Theoretical Cartography**, Presentation.
11:10 – 11:25 **Van den Heuvel C.** *Maastricht / Leiden,* Modelling historical evidence in digital maps: a preliminary sketch.
11:25 – 11:40 **Benavides Q. J., Koster E.** *Groningen,* Identifying surviving landmarks on historical maps.
11:40 – 11:55 **Koster E.** *Groningen,* XML- Coding technical accuracy and historical evidence in digital historical maps.
11:55 – 12:10 **Wolodtschenko A.** *Dresden,* Some aspects of the prehistoric maps as cultural heritage.
12:10 – 12:25 **Color Consulting Group** *Thessaloniki,* Presentation.
12:25 – 12:40 Discussion
12:40 – 14:00 Break

SESSION 7
Chair: **T. Bandrova** / **C. van den Heuvel**

14:00 – 14:15 **Balletti C.** *Venice,* Digital elaborations for cartographic reconstruction: The territorial transformations of Venice harbours in historical maps.
14:15 – 14:30 **Boutoura C., Dalas G.** *Thessaloniki,* A digital study on the *Generalkarte* relief representation.
14:30 – 14:45 **Ploutoglou N., Pazarli M., Papadopoulos K.** *Thessaloniki,* The digital rotational and scale fitting of Bordone's isolario in a continuous insular map of Greece.
14:45 – 15:00 **Livieratos E., Tsorlini A., Boutoura C.** *Thessaloniki,* Coordinate analysis of Ptolemy's *Geographia* Europe Tabula X. with respect to geographic graticule and point positioning in a Ptolemaic late 15th century map.
15:00 – 15:15 **Manoledakis M., Livieratos E.** *Ioannina / Thessaloniki,* On the digital placement of Aegae, the first capital of the ancient Macedonia, according to Ptolemy's *Geographia*.
15:15 – 15:30 **Wolodtschenko A., Forner T.** *Dresden,* Prehistoric and early historic maps in Europe: conception of cd-atlas.
15:30 – 15:45 Discussion

15:45 – 16:15 Coffee

SESSION 8
Chair: **F. Ormeling**, *Secretary General, ICA*

16:15 – 16:30 **Heere E.** *Utrecht,* The use of GIS with property maps.
16:30 – 16:45 **Orciani M., Frazzica V., Colosi L., Galetti F.** *Ancona,* Gregoriano Cadastre: Transformation of old maps into GIS and their contribution in terms of acquisition, processing and communication of historical data.
16:45 – 17:00 **Pearson A.** *Portsmouth,* Digitizing and analysing historical maps to provide new perspectives on the development of the agricultural landscape of England and Wales.
17:00 – 17:15 **The international web journal "e-Perimetron"** *Venice, Thessaloniki, Milan, Athens, Paris, Maastricht / Leiden, Cambridge Mass.,* Presentation.
17:15 – 17:30 Discussion

17:30 – 18:00 Closing

18:20 – 19:30 Visit to the Map Exhibition **Urban Maps of Thessaloniki, from late 19th to early 20th century.** Municipality of Thessaloniki, Directorate of Architectural Works - Centre of Architecture / National Centre for Maps and Cartographic Heritage.

19:50 Dinner

Saturday 20 May 2006

09:30 – 14:30 Excursion to the **Royal Macedonian Tombs of Vergina**. Conducted archaeological tour by Prof. **Chr. Saatsoglou – Paliadeli.**

The papers will be published in the international web journal on sciences and technologies affined to history of cartography and maps

e_Perimetron

www.maplibrary.gr/e_perimetron