1st TIR-FOR Symposium on digital cartography, next October 26 and 27, fully online

1st TIR-FOR Symposium. From territory studies to digital cartography

Next **October 26 and 27**, will take place the 1st TIR-FOR Symposium, at the IEC, Institut d'Estudis Catalans (Barcelona), in a fully online format.

The Symposium will run **a two-day program with 27 talks and a poster session, organized into three thematic sessions**; with the participation of experts from more than twenty research centres and institutions, at an international level.

A unique opportunity to know first-hand the great possibilities offered by **digital cartography**, which has become an essential tool for research and the dissemination of knowledge about the Roman world. The symposium wants to promote the creation of **international networks** among the different research groups and reach consensus on the cartographic translation of the elements studied, make a joint assessment of the on-going research and offer a forum for dialogue.

It will also play a relevant role in the reflection on the huge potential offered by **linked open data.** Settlement and communication networks studies, toponymy and archaeological topography, as well as territory and landscape studies, requires commonly agreed on **methodologies** to allow interaction and collaborative construction of the Roman world maps.

Don't miss the 1st TIR-FOR Symposium (next October, 26 & 27), organized by the **International TIR-FOR Commission**: an event to encourage reflection and discussion regarding the inextricable interaction between research into settlement, territory and archaeological topography and digital cartography.

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ICAC
Institut Català d'Arqueologia Clàssica

PROGRAM

MONDAY, 26th OCTOBER 2020

- 8:30 h ***Opening***: Joandomènec Ros, president of the Institut d'Estudis Catalans, and Josep Guitart, president of the TIR-FOR International Commission.
  SESSION 1. PRESENT AND FUTURE OF THE INTERNATIONAL TIR-FOR PROJECT

  CHAIR: Josep Maria Palet (Catalan Institute of Classical Archaeology, ICAC).

- 8:40 h. *Talk*. **"The new digital TIR-FOR project"**. Marta Prevosti (ICAC-IEC), Pau de Soto (ICAC), Núria Romaní (ICAC – Autonomous University of Barcelona, UAB), Ada Cortés (Sapienza University of Rome – ICAC) and Josep Guitart (IEC).
- 9:10 h. **"International World Map: a history spanning centuries**". Luisa Migliorati, Laura Ebanista and Ilaria Trivelloni (Sapienza University of Rome).
- 9:40 h *Coffee break*
- 10:00 h. **"TIR-FOR Romania. State of research"**. Florin-Gheorghe Fodorean (Babeș-Bolyai University).
- 10:30 h. **"Mapping the barbarian world – outline of the issues"**. Judyta Rodzińska (Jagiellonian University).
- 11:00 h. **"From map to gazetteer and back again"**. Georgios Zachos (Academy of Athens, Research Centre for Antiquity) and Vyron Antoniadis (National Hellenic Research Foundation, Institute of Historical Research).
- 11:30 h. **"Le projet TIR-FOR et la Carte Nationale des Sites Archéologiques et des Monuments Historiques"**. Fathi Bejaoui and Moèz Achour (National Institute of Heritage, Tunisia).
- 12:10 h. DISCUSSION
  SESSION 2. DIGITAL MAPS OF THE ROMAN WORLD AND SPECIALISED APPLICATIONS

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CHAIR: Luisa Migliorati (Sapienza University of Rome)

- 12:40 h. *Talk*. **"Digital Maps and historical gazetteers: function and importance for digital historical research"**. Johan Åhlfeldt (University of Gothenburg).
- 13:25 h. DISCUSSION
- 13:40 h *Lunch*
  CHAIR: Florin-Gheorghe Fodorean (Babeș-Bolyai University)

- 15:00 h. **"From 'Flatland' to the real world. Archaeological mapping in the digital age"**. Jacopo Turchetto (University of Padua).
- 15:30 h. **"Reconstructing Medieval Landscapes: the Austrian Research Project *Tabula Imperii Byzantini* and its Work in Western Anatolia"**. Andreas Külzer (Austrian Academy of Sciences, Division of Byzantine Research).
- 16:00 h. **"AdriAtlas – Atlas informatisé de l'Adriatique antique"**. Francis Tassaux (Ausonius Insititute –Bordeaux Montaigne University).
- 16:30 h. **"Aquitaviae, projet de carte dynamique participative des voies de l'Aquitaine romaine"**. Clement Coutelier and François Didierjean (Ausonius Insititute – Bordeaux Montaigne University).
- 17:00 h. **"Viator-e. The roads of the Western Roman Empire"**. Pau de Soto (ICAC).
- 17:30 h. *Coffee break*
- 18:00 h. POSTER SESSION
  CHAIR: Núria Romaní (ICAC-UAB)

POSTERS

1. **"Digital resources for mapping the population movement in the Roman Empire"**. Jesús Ignacio Jiménez Chaparro and Alicia Ruiz Gutiérrez (University of Cantabria, Group AHIR).
2. **"Multi-sensor and multi-temporal mapping of the Roman city of Pollentia (Alcúdia, Mallorca): the ARCHREMOTELANDS project approach"**. Eduard Angelats (Technological Centre of Telecommunications of Catalonia, CTTC/CERCA – Geomatics

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division), Francesc C. Conesa (ICAC), Catalina Mas Florit (University of Barcelona, UB – Archaeological and Archaeometric Research Group, ERAAUB), Marc Salom (independent researcher), Miguel Ángel Cau Ontiveros (UB- ERAAUB).

3. **"Big Earth Data and multi-temporal vegetation trends in north-western Mallorca: implications for the optimal monitoring of archaeological cropmarks"**. Francesc C. Conesa (ICAC), Eduard Angelats (CTTC/CERCA – Geomatics division), Catalina Mas Florit (UB-ERAAUB), Agustin Lobo (Institute of Earth Sciences Jaume Almera – CSIC), Miguel Ángel Cau Ontiveros (UB-ERAAUB).
4. **"The contribution of the digital cartography to the reconstruction of the ancient walls of *Brundisium*"**. Giovanna Cera (University of Salento).
5. **"La lettura del paesaggio antico per la definizione dell'*Ager Hatrianus* interno. Il *pagus* di Cellino Attanasio"**. Davide Mastroianni (Gruppo di Ricerca per il Mezzogiorno Medievale, GRIMm).

TUESDAY, 27th OCTOBER 2020

SESSION 3. STUDIES OF LANDSCAPE, SETTLEMENT AND ARCHAEOLOGICAL TOPOGRAPHY AND DIGITAL CARTOGRAPHY

CHAIR: Georgios Zachos (Academy of Athens, Research Center for Antiquity)

- 8:30 h. *Talk*. **"Análisis del paisaje integrado: más allá de la distribución de yacimientos"**. Hèctor A. Orengo and Josep M. Palet (ICAC, Research Group GIAP).
- 9:15 h. DISCUSSION
- 9:25 h. **"Landscape archaeology in northern Dacia. Potaissa and its surroundings"**. Florin-Gheorghe Fodorean (Babeș-Bolyai University).
- 9:55 h. **"Geospatial-economic studies and archaeological data analysis applied to ancient viticultural landscapes. The case of Laetanian Roman wine, *Hispania Citerior Tarraconensis*"**. Antoni Martin Oliveras and Victor Revilla (UB-CEIPAC), Lisa Stubert (University of Potsdam – Institute of Environmental Sciences and Geography) and

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Sebastian Vogel (Leibniz Institute for Agricultural Engineering and Bioeconomy, ATB).

- 10:25 h. *Coffee break*
  CHAIR: Judyta Rodzińska (Jagiellonian University)

- 10:45 h. **"Assentaments militars romans del nord-est de la *Hispania Citerior* (Catalunya i la vall de l'Ebre) en les primeres etapes de la romanització. Estudi del cas i proposta de caracterització i identificació"**. Laia Catarineu (UAB).
- 11:15 h. **"La realización de mapas de densidades para la investigación del poblamiento antiguo. El entorno del Bajo Guadalquivir (SO de España) entre los siglos II y IV d. C. como caso de estudio"**. Luis-Gethsemaní Pérez-Aguilar (Institute of Archaeology – Merida, CSIC – Junta de Extremadura).
- 11:45 h. **"Dehesa de Bolaños y Cortijo de Frías. Análisis histórico-arqueológico e interpretación de su paisaje en época romana"**. Francisco Javier Catalán González (University of Cadiz).
- 12:15 h. **"The Calore river: Settlements and Roads in the Roman Time"**. Pierfrancesco Izzo (independent researcher) and Giuseppina Renda (University Campania Luigi Vanvitelli).
- 12:45 h. **"The territory of Roman Barcino: methodological advances applied to the study of a centuriated landscape"**. Josep Maria Palet (ICAC), Maria Jesús Ortega (ICAC) and Carme Miró (Archaeological Service of Barcelona).
- 13:15 h. *Lunch*
  CHAIR: Ada Cortés (Sapienza University of Rome – ICAC)

- 14:45 h. **"Rescue archaeology data and GIS redefining a classical town: The Roman city of Palma (Mallorca, Balearic Islands) "**. Bartomeu Vallori Márquez (UB-ERAAUB).
- 15:15 h. **"Modellazione e analisi dei geodati per la ricostruzione del paesaggio di Privernum (Priverno, Lazio, Italy)"**. Francesca Carinci (Sapienza University of Rome) and Antonio Leopardi (University of Salento).
- 15:45 h. **"Munigua (Villanueva del Río y Minas, Sevilla)"**. Thomas Schattner (German Archaeological Institute).
- 16:15 h. **"*Peltuinum*. City and landscape between tradition and new techniques"**. Dario Canino and Alessandro Vecchione (Sapienza University of Rome).

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- 16:45 h. *Coffee break*
  CHAIR: Pau de Soto (ICAC)

- 17:05 h. **“Las vías pecuarias medievales del Baix Montseny y el método del camino óptimo”**. Marc Ferrer Fernández (UB).
- 17:35 h. **“Factors de localització de les comunitats monàstiques del Penedès medieval”**. Marçal Díaz Ros (UB).
- 18:05 h. **“Integrating historical cartography, written accounts and satellite images for the reconstruction of past landscapes: the case of Madayi (Kerala, India)”**. Marco Moderato (D’Annunzio University of Chieti–Pescara).
- 18:35 h. CLOSING REMARKS BY SYMPOSIUM CHAIR

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