

Day 1, Tuesday 15.09.2015, Old Library, University of Warsaw

8.30 - 10.00 Conference registration

10.00-10.20 Opening ceremony

Invited Lectures, Session 1. Chairman: Armin Schmidt

- 10.20-10.50 Alain Tabbagh
Snapshots concerning the role of archaeology/archaeometry in the birth and progress of geophysical exploration
- 10.50-11.20 Helmut Becker
From proton- to caesium magnetometry — my 40 years in archaeological prospection
- 11.20-11.50 Albert Hesse
Early experiments of new surveying methods for archaeology along the Nile Valley

11.50-12.20 Coffee and Tea break

Invited Lectures, Session 2. Chairman: Armin Schmidt

- 12.20-12.50 Włodzimierz Rączkowski
Archaeology and remote sensing technology: (un)happy couple with prospects?
- 12.50-13.20 Michel Dabas, Pierre Collardey, Sébastien Ruelleu
From WW1 to World Files: Collaborative work in archaeology through the use of Internet technologies

13.20-14.40 Lunch

Integrated prospection approaches. Chairman: Paul Linford

- 14.40-15.00 Immo Trinks, Wolfgang Neubauer, Michael Doneus, Alois Hinterleitner, Nives Doneus, Geert Verhoeven, Klaus Löcker, Matthias Kucera, Erich Nau, Mario Wallner, Sirri Seren
Interdisciplinary archaeological prospection at unprecedented scale and resolution. The first five years of the LBI ArchPro Research Initiative 2010-2015
- 15.00-15.20 Kayt Armstrong, Martijn van Leusen, Wieke de Neef
Going over old ground: what can landscape-scale magnetic susceptibility data do for me?

- 15.20-15.40 Andrei Asăndulesei, Cristi-Ionuț Nicu, Ștefan Balaur, Ștefan Caliniuc, Mihaela Asăndulesei, Vasile Cotiugă
Integrated prospection methods for documenting threatened prehistoric archaeological sites from north-eastern Romania
- 15.40-16.00 Rebecca Cannell, Jan Bill, Paul Cheetham, Kate Welham
The Gokstad Viking Age trading site: a voyage of physicochemical prospection
- 16.00-16.20 Carmen Cuenca-Garcia, Apostolos Sarris, Christina Makarona, Andreas Charalambos, Marina Faka, Iosif Chafez, Sorin Hermon, Vasiliki Kassianidou, Karin Nys
Integrated geophysical and in-situ soil geochemical survey at Dromolaxia-Vizakia (Hala Sultan Tekke, Cyprus)

16.20-16.50 Coffee and Tea break

Integrated prospection approaches. Chairman: Cornelius Meyer

- 16.50-17.10 Mahmut G. Drahor, Caner Öztürk, Buket Ortan, Meriç A. Berge, Atilla Ongar
Integrated geophysical investigations at Şapinuva, a Hittite city in central Anatolia, Turkey
- 17.10-17.30 Sergey A. Erokhin, Igor N. Modin, Alexandra M. Pavlova
3D electrical resistivity imaging and GPR to re-explore ancient mounds near Suzdal in Russia
- 17.30-17.50 Ekhine Garcia-Garcia, Juan txo Agirre-Mauleon, Arantza Aranburu, Haizea Arrazola, Julian Hill, Joxe Etxegoien, Juanmari Mtz. Txoperena, Peter Rauxloh, Rafa Zubiria
The Roman settlement at Auritz (Navarre): preliminary results of a multi-system approach to asses the functionality of a singular area
- 17.50-18.10 Kristian D. Strutt, Angus Graham, Willem H. J. Toonen, Benjamin T. Pennington, Daniel Löwenborg, Virginia L. Emery, Dominic S. Barker, Morag A. Hunter, Aurélia Masson, Karl-Johan Lindholm
Manipulating mud: (re)constructing cosmogonical landscapes in the Nile Valley, Thebes, Egypt

18.10-19.00 Poster Session 1

19.00-21.00 Welcome cocktail in the Old Library, University of Warsaw

Poster session 1

1. Robert C. Bowman, Evelyn A. Combs
Community prospection: archaeological ground-penetrating radar analyses performed for and by the Healy Lake Village community, Interior Alaska
2. Jarrod Burks, Andreas Viberg, Bruce Bevan
Lightning strikes in archaeological magnetometry data. A case study from the High Bank Works site, Ohio, USA
3. Gianluca Catanzariti, Ildefonso Ramírez González, Gianfranco Morelli
Extensive multi-channel GPR mapping over the site of the ancient Archiepiscopal Palace of Alcalá de Henares (Spain)
4. Giovina Caldarola, Laura Castrianni, Giuseppe Ceraudo, Immacolata Ditaranto, Veronica Ferrari, Ida Gennarelli, Francesco Pericci
Reading an ancient vicus with non-invasive techniques: integrated terrestrial, aerial and geophysical surveys at Aequum Tuticum (Ariano Irpino-Av)
5. Michael Wess, Clement Atzberger, Michael Doneus, Geert Verhoeven
ARCTIS – analysing hyperspectral datasets
6. Michael Herlesand, Jörg W.E. Fassbinder
Magnetic prospecting on basaltic geology: the lower city of Erebuni (Armenia)
7. Alin Frîncu elasa, Mădălina Nicoleta Frîncu elasa, Cornel David
Geophysical prospecting of the Yamnaya barrows (3rd millennium BC) from Ciorani de Jos, Prahova county, Romania
8. Akihiro Kaneda, Kazuhiko Nishiguchi, Yama Nawabi, Yoshiro Watanabe
Archaeological prospection of kiln sites in the Samurai era
9. Maksym Mackiewicz, Bartosz Myślecki
Non-invasive research on medieval strongholds in Silesia. Case studies from Borucin (Silesian province) and Chrzelice (Opole province)
10. Peter Milo, Jan Zeman, Martin Bartík, Martin Kuča
Late Neolithic circular enclosures: never entirely uncovered
11. Peter Milo, Petra Golánová, Jiří Grünseisen, Branislav Kovár, Arnaud Meunier, Igor Murín, Tomáš Tencer, Michal Vágner, Jan Zeman
On the trail of Caesar and Vercingetorix: survey in the Bibracte oppidum, Mont Beuvray (France)
12. Kourosh Mohammadkhani
The results of magnetic survey at the Bronze Age site of Shahr-e Sukhteh, Sistan, Iran
13. Patrick Nagy
The archaeological prospection project Rheinau (Switzerland)/ Jestetten, Altenburg (Germany)
14. Philippe Pelgas, Bruno Wirtz
French experience using sub-bottom profiler combined with sonar multi-beam as a preventive archaeological diagnostic before dredging

15. Alejandro Rosado-Fuentes, Alejandra Arciniega-Ceballos, Filiberto Vergara-Huerta
Seismic refraction tomography in the Texcoco Region, Mexico
16. Apostolos Sarris, Nikos Papadopoulos, Carmen Cuenca-Garcia, Dimitris Alexakis, Meropi Manataki, Gianluca Cantoro
Exposing the Urban Plan of the ancient city of Hyettos, Boeotia, Greece
17. Apostolos Sarris, Nikos Papadopoulos, Eleni Kokkinou, Pantelis Soupios, Michael Teichmann, Kleanthis Simyrdanis, Georgia Kakoulaki, Dimitris Alexakis, Cristina Manzetti, Jean-Marc Luce
Uphill and downhill geophysical challenges in Delphi, Greece
18. Apostolos Sarris, Gianluca Cantoro, Rogier Kalkers, Jeremia Pelgrom, Tesse Stek
Geophysical prospection in the territory of the Roman town of Aesernia, Central-Southern Italy
19. Apostolos Sarris, Jamieson Donati, Tuna Kalayci, Carmen Cuenca García, François-Xavier Simon, Meropi Manataki, Pegky Triantafyllopoulou
Towards an integrated remote-sensing strategy for revealing the urban details of the Hellenistic-Roman city of Demetrias, central Greece
20. Arne Anderson Stamnes
Using magnetic survey methods to delimit and characterize prehistoric iron production sites in Norway
21. Adam Szyrkiewicz
GPR research around the Hawara pyramid (Fayum, Egypt)
22. Yoon Jung Choi, Johannes Lampel, David Jordan, Sabine Fiedler, Thomas Wagner
Principal component analysis (PCA) of buried archaeological remains by VIS-NIR spectroscopy.

Day 2, Wednesday 16.09.2015, Old Library, University of Warsaw

Integrated prospection approaches. Chairman: Larry Conyers

- 9.00-9.20 Chrys Harris, Chris Gaffney, Finnegan Pope-Carter, James Bonsall, Robert Fry, Andrew Parkyn
High Royds: An integrated, analytical approach for mapping the unmarked burials of a pauper cemetery
- 9.20-9.40 Melda Kucukdemirci, Salvatore Piro, Elif Ozer, Niyazi Baydemir, Daniela Zamuner
An integrated geophysical survey at Aizanoi archaeological site (Turkey)
- 9.40-10.00 Miron Bogacki, Barbara Kaim, Wiesław Małkowski, Krzysztof Misiewicz
Archaeological prospection in Serakhs oasis in Turkmenistan
- 10.00-10.20 Erich Nau, Lis Helles Olesen, Petra Schneidhofer, Manuel Gabler, Roland Filzwieser, Esben Schlosser Mauritsen
Large-scale high-resolution GPR and magnetometry prospection in West Jutland, Denmark
- 10.20-10.40 Petra Schneidhofer, Erich Nau, Alois Hinterleitner, Agata Lugmayer-Klimczyk, Jan Bill, Terje Gansum, Wolfgang Neubauer, Knut Paasche, Sirri Seren, Erich Draganits, Immo Trinks
Geoarchaeology as an essential supplement for large-scale, high-resolution archaeological geophysical prospection: case study of Gokstad in Norway

10.40-11.10 Coffee and Tea break

Integrated prospection approaches/ GIS and prospection. Chairman: Gregory Tsokas

- 11.10-11.30 Sirri S. Seren, Ralf Totschnig, Alois Hinterleitner, Klaus Löcker, Sabine Ladstätter
Archaeological prospection results in the surroundings of the Serapeion at Ephesus, Turkey
- 11.30-11.50 Hannah Brown, Mary K. Saunders
A binocular view of a marginal landscape: GIS and geophysics in the Yorkshire Dales National Park
- 11.50-12.10 Mariangela Noviello, Angelos Chliaoutakis, Marcello Ciminale, Jamieson C. Donati, Apostolos Sarris
Neolithic settlements in the Tavoliere Plain (Apulia, Southern Italy): predictive probability maps

12.10-12.30 Valeria Poscetti, Georg Zotti, Wolfgang Neubauer
Improving the GIS-based 3D mapping of archeological features in GPR data

12.30 - 12.50 Piotr Wroniecki, Marcin Jaworski, Mikołaj Kostyrko
Exploring free LiDAR derivatives. A user's perspective on the potential of readily available resources in Poland

12.50 - 14.20 Lunch

Integrated prospection approaches / Interpretation and presentation of prospection results. Chairman: Michel Dabas

14.20 - 14.40 Immo Trinks, Gregory Tsokas, Geert Verhoeven, Klaus Löcker, Matthias Kucera, Erich Nau, Mario Wallner, Panagiotis Tsourlos, Vargemezis George, Maurizio Forte, Wolfgang Neubauer
Mapping the Bronze Age settlement of Akrotiri on Santorini: digital documentation and archaeological prospection

14.40 - 15.00 Dennis Wilken, Tina Wunderlich, Jasmin Andersen, Wolfgang Rabbel
Geophysical investigation of past harbours: challenges and application examples

15.00 - 15.20 Tomasz Chmielewski, Mirosław Furmanek, Maksym Mackiewicz, Bartosz Myślecki, Anna Zakościelna
Landscape with enclosures. Magnetic prospection and surface survey of the Dobużek Scarp microregion in Eastern Poland

15.20 - 15.40 Lawrence B. Conyers
Ground-penetrating radar data analysis for more complete archaeological interpretations

15.40 - 16.00 Alan W. Mann, Graham C. Sylvester
Distribution of gold and silver in European soils: Evidence for a Roman footprint?

16.00 - 16.40 Coffee and Tea break

History of archaeological geophysics / Archaeological feedback. Chairman: Mahmut Drahor

16.40 - 17.00 Guillaume Hulin, Christophe Maneuvrier, Alain Tabbagh, Jean-Baptiste Vincent
A geophysical survey at Schlumberger's Val Richer residence: between archaeology and the history of science

- 17.00 - 17.20 Klaus Löcker, Matthias Kucera, Immo Trinks, Wolfgang Neubauer
Successfully falsified... On epistemological problems of archaeological excavations and geophysical surveys
- 17.20 - 17.40 Cornelius Meyer, Dana Pilz, Lise Goossens, Sabah Jasim, Joaquín Córdoba, Carmen del Cerro
Sands of time – archaeo-geophysical prospection results from the Emirate of Sharjah
- 17.40 - 18.00 Przemysław Dulęba, Jacek Soida, Piotr Wroniecki
Searching for Celts in Upper Silesia. Verification by excavation of a geophysical survey in Samborowice

18.00-19.00 Poster Session 2

20.00 – 23.00 Wine / beer party in Club Harenda

Poster Session 2

23. Burkart Ullrich, Gijs Tol, Tymon de Haas
An UMO landed on the Via Appia. Results of the Minor Centres Project in the Pontine plain, Lazio (Italy)
24. Andreas Viberg, Magnus Larson
Mobile laser scanning and 360° photography for the documentation of the Iron Age ring fort at Gråborg, Öland, Sweden
25. Aleksander Limisiewicz, Aleksandra Pankiewicz, Adam Szynekiewicz
Archaeological excavation and GPR prospection indelinating defensive embankments on Ostrów Tumski (Cathedral Island) in Wrocław (Lower Silesia, Poland)
26. Andrzej Affek
Exploring past Carpathian landscape: the application of LiDAR and archival cadastral maps
27. Mirosław Furmanek, Krzysztof Gediga, Urszula Piszcz, Artur Rapiński
Geochemical and magnetic prospection of a Neolithic site: case study from Dzielnica (Poland)
28. Anna Zalewska, Michał Jakubczak, Jacek Czarnecki
Archaeological revival of memory of the Great War. The role of LiDAR in tracing the boundaries of the planned Cultural Park “The Rawka Battlefield (1914–1915) — in memory of war victims”
29. Mário Bielich, Martin Bartík and Elena Blažova
Geophysical survey at Žitnýostrov, Slovakia, in 2012–2013

30. Irina A. Arzhantseva, Sergey A. Erokhin, Igor N. Modin, Dina A. Kvon, Alexandra M. Pavlova, Tatiana V. Shishkina, Eugene O. Zerkal
Geophysical studies of Djankent fortress in the eastern Aral sea region (Kazakhstan)
31. Simone Mühl, Jörg W. E. Fassbinder
Archaeological geophysics in the Shahrizor plain (Iraqi Kurdistan)
32. Ekhine Garcia-Garcia, Juanxo Agirre-Mauleon, James Andrews, Arantza Aranburu, Haizea Arrazola, Joxe Etxegoien, Juan José Fuldáin, Julian Hill, Eneko Iriarte, Mikel Legorburu, Juanmari Txoperena, Mary Nicholls, Peter Rauxloh, Rafa Zubiria
Geoarchaeological core prospection investigation to improve the archaeological interpretation of geophysical data: case study of a Roman settlement at Auritz (Navarre)
33. Chrys Harris, Chris Gaffney, Mark Newman, Mike Langton, Roger Walkerand, Mariah Ottersen
Ghosts, surprises, and unsolved mysteries: a multi-technique approach to the enigmatic third guesthouse at Fountains Abbey
34. Roman Křivánek
“Atypical” use of combinations of geophysical methods for archaeological heritage preservation in the Czech Republic
35. Tadeusz Magiera, Maria Mendakiewicz, Leszek Chróst
Magnetic prospection of areas of medieval and prehistoric ore smelting around MiasteczkoŚląskie (southern Poland)
36. Nikos Papadopoulos, Ian Moffat, Jamie Donati, Apostolos Sarris, Tuna Kalayci, Gianluca Cantoro, Nasos Argyriou, Kayt Armstrong , François-Xavier Simon
Geophysical mapping of a classical Greek road network: a case study from the city of Elis, Peloponnese
37. Michael Rogers, Scott Stull
Visualizing an integrated landscape throughground-based LiDAR, geophysical archaeology, and archaeological excavation
38. Jerzy Sikora, Piotr Kittel, Piotr Wroniecki
To not see the forest for the trees. A non-invasive approach to the Góra Chelmo medieval hillfort
39. Jerzy Sikora, Piotr Kittel, Piotr Wroniecki
From a point on the map to a shape in the landscape. Non-invasive verification of medieval ring-forts in Central Poland: Rozprza case study
40. Immo Trinks, Gregory Tsokas, Geert Verhoeven, Klaus Löcker, Matthias Kucera, Erich Nau, Mario Wallner, Panagiotis Tsourlos, Vargemezis George, Wolfgang Neubauer
Mapping the Bronze Age settlement of Akrotiri on Santorini: digital documentation and archaeological prospection
41. Andreas Viberg
The Big Five. Mapping the subsurface of Iron Age forts on the Island of Öland, Sweden

42. Dennis Wilken, Tina Wunderlich, Bente Majchczack, Jasmin Andersen, Wolfgang Rabbel
Seismic resonance analysis to map a Viking Age pit house: comparison to GPR and magnetics
43. Dennis Wilken, Tina Wunderlich, Wolfgang Rabbel, Davide Zori, Sven Kalmring, Jesse Byock
Imaging the AD 1500 Katla tephra inside the Leiruvogur “Inner Skiphóll” harbour using GPR
44. Tina Wunderlich, Dennis Wilken, Jasmin Andersen, Wolfgang Rabbel, Davide Zori, Sven Kalmring, Jesse Byock
Mapping medieval turf buildings with geophysical methods
45. Tina Wunderlich, Dennis Wilken, Ercan Erkul, Wolfgang Rabbel, Andreas Vött, Peter Fischer, Hanna Hadler, Stefanie Ludwig, Michael Heinzelmann
The harbour(s) of ancient Ostia. Archaeogeophysical prospection with shear wave seismics, geoelectrics, GPR and vibracorings
46. Tina Wunderlich, Dennis Wilken, Paul-Benjamin Riedel, Martina Karle, Sebastian Messal
Marine magnetic and seismic measurements to find the harbour of the early medieval Slavic emporium Groß Strömkendorf/Reric, Germany
47. Gheorghe Romanescu, Ionut Cristi Nicu
Evolution of human settlements and natural risk factors. A case study of Chalcolithic archaeological sites in the Valea Oii watershed (Romania)

Day 3, Thursday 17.09.2015, Old Library, University of Warsaw

Processing and visualisation of data. Chairman: Apostolos Sarris

- 9.00-9.20 Philippe De Smedt, Samuël Delefortrie, Marc Van Meirvenne
Good practice in high-resolution EMI data processing for archaeological prospection
- 9.20-9.40 Paul S. Johnson, Alex Mullen, Lieven Verdonck, Lacey Wallace
The Canterbury Hinterland Project: understanding dynamic rural landscapes through the semi-automated interpretation of geophysical survey results
- 9.40-10.00 Philippe Marty, Darras Lionel, Jeanne Tabbagh, Christophe Benech, François-Xavier Simon, Julien Thiesson
WuMapPy, an open-source software for geophysical prospection data processing
- 10.00-10.20 Roman Pašteka, Peter Milo, David Kušnirák, Tina Wunderlich, Dennis Wilken, René Putiška, Jozef Urminský, Juraj Papčo, Igor Murín
Role of regularized derivatives in magnetic edge mappers evaluation
- 10.20-10.40 Armin Schmidt
Easy targets, or “who has marked out my anomalies”?

10.40-11.10 Coffee and Tea break

Interpretation and presentation of prospection results. Chairman: Martijn van Leusen

- 11.10-11.30 Christian Gugl, Wolfgang Neubauer, Erich Nau, Renate Jernej
New evidence for a Roman military camp at Virunum (Noricum)
- 11.30-11.50 Alois Hinterleitner, Klaus Löcker, Wolfgang Neubauer, Immo Trinks, Vlad Sandici, Mario Wallner, Michael Pregesbauer, Karolin Kastowsky-Priglinger
Automatic detection, outlining and classification of magnetic anomalies in large-scale archaeological magnetic prospection data
- 11.50-12.10 Jörg W.E. Fassbinder, Lena Kühne, Melanie Flossmann-Schütze
The Hellenistic settlement of Tuna el-Gebel
- 12.10-12.30 Chiara Marcotulli, Salvatore Piro, Sara Pasquarelli, Daniela Zamuner, Guido Vannini
New data from an urban archaeology project on a medieval town site. High-resolution GPR surveys in Piazza delle Carceri, Prato (Florence, Italy)

- 12.30 - 12.50 Apostolos Sarris, Nikos Papadopoulos, William A. Parkinson, Richard W. Yerkes, Attila Gyucha, Gábor Bácsmegi, Francois-Xavier Simon, Paul R. Duffy, Rod Salisbury
Unfolding the Neolithic wetlands landscape of Szeghalom-Kovácsalom in Hungary

12.50 - 14.20 Lunch

Interpretation and presentation of prospection results. Chairman: Stefano Campana

- 14.20 - 14.40 Apostolos Sarris, Tuna Kalayci, François-Xavier Simon, Jamieson Donati, Carmen Cuenca García, Meropi Manataki, Gianluca Cantoro, Georgia Karampatsou, Evita Kalogiropoulou, Nassos Argyriou, Sylviane Dederix, Cristina Manzetti, Nikos Nikas, Konstantinos Vouzaxakis, Vasso Rondiri, Polyxeni Arachoviti, Kaliopi Almatzi, Despina Efstathiou, Evangelia Stamelou
Cultural variations of the Neolithic landscape of Thessaly
- 14.40 - 15.00 Michael Schneider, Sven P. Linzen, Markus Schiffler, Andreas Wunschel, M. Hein, Christopher-Bastian Roettig, Stefan Dunkel, Ronny Stolz, Peter Ettel, Hans-Georg Meyer, Daniel Baumgarten
SQUID-based magnetic prospection within interdisciplinary case studies at possible early and high medieval harbor sites in Germany
- 15.00 - 15.20 Francois-Xavier Simon, Alain Tabbagh, Apostolos Sarris
Measurement of the dielectric permittivity through multi-frequency EMI for archaeological prospection
- 15.20 - 15.40 Graham C. Sylvester, Alan W. Mann, Andrew Rate, Clare A. Wilson
The application of mobile metal ion (MMI) geochemistry to the definition and delineation of the Roman metal processing site, St. Algar's Farm, Somerset, United Kingdom
- 15.40 - 16.00 Burkart Ullrich, Pawel Wolf
Hamadab near Meroe (Sudan): results of multi-technique geophysical surveys

16.00 - 16.40 Coffee and Tea break

Technical aspects. Chairman: Salvatore Piro

- 16.40 - 17.00 Neil Linford, Paul Linford, Andy Payne
First results from a new ground-coupled multi-element GPR array

- 17.00 - 17.20 Gaetano Ranieri, Antonio Trogu, Luca Piroddi, Sergio Calcina, Francesco Loddo, Carlo Piga, Raimondo Zucca, Alessandro Usai, Paolo Bernardini, Piergiorgio Spanu, Emina Usai, Barbara Panico, Adriana Scarpa, Luciana Tocco
The New Archaeology. From remote sensing to archaeological digging in quasi-real time. The case of “Monte Prama” (Sardinia, Italy)
- 17.20 - 17.40 Gregory N. Tsokas, Panagiotis I. Tsourlos, George Vargemezis
Geophysical investigations of tumuli: a continuously challenging problem
- 17.40 - 18.00 James Bonsall, Christopher Gaffney, Ian Armit
You know it’s summer in Ireland when the rain gets warmer: analysing repetitive time-lapse earth resistance data to determine ‘optimal’ survey climate conditions

18.00-19.00 Poster Session 3

20.00-23.00 Gala dinner, Column Hall, Institute of History, University of Warsaw

Poster Session 3

48. Akram M. Aziz, El-Arabi H. Shendiand, Mohamed Abd El-Maksoud
Role of potential field derivatives in delineating buried archaeological ruins
49. Meric Aziz Berge, Mahmut Goktuğ Drahor
Resistivity modelling and inversion of square array for archaeological investigations
50. Fumihiko Chishima, Hiroyuki Kamei
The influence of sampling interval on accuracy of probabilistic attenuation correction for GPR signal
51. Armin Schmidt, Kayt Armstrong, Martijn van Leusen
Using archaeological models for the inversion of magnetometer data
52. Francois-Xavier Simon, Alfredo Mayoral Pascual, Franck Vautier, Yannick Miras
Refinement of ALS point cloud through the assessment of bare-earth classification algorithms: the AYPONA Project case study
53. Kleanthis Simyrdanis, Nikos Papadopoulos, Theotokis Theodoulou
Optimization of electrical resistivity tomography protocols for detecting archaeological structures in shallow water marine environment
54. András Bördöcs, Zoltán Czajlik, Sándor Berecki
Non-destructive survey of Iron Age cemeteries: testing the topographic support system
55. Julia Chyla, Wojciech Ejsmond, Jakub Ordutowski, Piotr Witkowski, Dawid F. Wieczorek, Daniel Takács, Marzena Ożarek-Szilke
Comprehensive field survey at Gebelein: preliminary results of a new method in processing data for archaeological site analysis

56. Jerzy Czerniec, Krystian Koziół, Krzysztof Misiewicz
Cultural landscape. Geomorphometric studies in the Chelmno Land

57. Kayt Armstrong, Tymon de Haas, Gijs Tol
The whole is greater than the sum of the parts: combining fieldwalking data and geophysical survey in the study of minor Roman centres

58. Andrei Asăndulesei
Magnetic prospecting of Chalcolithic sites in north-eastern Romania: some considerations of intra-site spatial organisation

59. Roman Křivánek, Petr Čech, Michal Soukup
Geophysical prospection and rescue archaeological excavation of subsurface WWII remains in the foreland of brown coal mines in northwestern Bohemia

60. Cornelius Meyer, Henning Zöllner, Dana Pilz, Barbara Horejs, Albrecht Matthaei
LEA MAX – the multi-purpose gradiometer array in the fields of the Kaikos valley (Bergama, Turkey)

61. Roksana Chowaniec, Krzysztof Misiewicz
Comparison of the results of magnetic and gradient surveys with the real situation in the field on the basis of excavations at Akrai/Acrae, south-eastern Sicily. New possibilities for the interpretation of geophysical maps

62. Michał Pisz, Łukasz Pospieszny
The Tibiscum project - non-destructive research in Romania.

63. Christelle Sanchez, Julien Thiesson, Félix Relats-Monteserrat, Roger Guérin, Fayçal Réjiba and Dominique Valbelle
Reconstructing the history of the planning of the Medamoud temple: magnetic and electromagnetic prospecting results

64. Jan Bulas, Joanna Zagórska-Telega, Piotr Wroniecki
Non-invasive prospection of two Iron Age sites in Michalowice, southern Poland

65. Łukasz Pospieszny, Mateusz Cwaliński, Janusz Czebreszuk, Mateusz Jaeger, Jakub Niebieszczański, Mateusz Stróżyk
Uncovering a Bronze Age landscape. A case study from Krotoszyn Forest (Poland)

66. Agata Lugmayer-Klimczyk, Sebastian Flöry, Matthias Kucera, Wolfgang Neubauer, Klaus Löcker, Eamonn Baldwin, Vincent Gaffney
Terrestrial laser scanning of the landscape around Stonehenge

67. Annika Fediuk, Ercan Erkul, Tina Wunderlich, Wolfgang Rabbel
Comparative study of accuracy of caesium, Overhauser and fluxgate magnetometers in field conditions

Day 4, Friday 18.09.2015, Copernicus Science Centre

Interpretation and presentation of prospection results/ Archaeological feedback. Chairman: Christophe Benech

- 9.00-9.20 Jörg W.E. Fassbinder, Anton Gass, Ina Hofmann, Andrei B. Belinskij, Hermann Parzinger
Early Iron Age kurgans from the North-Caucasus
- 9.20-9.40 Mario Wallner, Klaus Löcker, Wolfgang Neubauer, Michael Doneus, Viktor Jansa, Geert Verhoeven, Immo Trinks, Sirri Seren, Christian Gugl, Franz Humer
ArchPro Carnuntum Project. Large-scale non-invasive archaeological prospection of the Roman town of Carnuntum
- 9.40-10.00 Tomas Tencer, Wolfgang Neubauer
Urban spatial analyses of geophysical archaeological prospection data from the Roman civil town Carnuntum, Austria
- 10.00-10.20 Joachim Schultze, Barbara Wouters
Geophysical survey - archaeological excavation - micromorphological analysis. What do geomagnetic anomalies show? An example from Hedeby
- 10.20-10.40 Roman Křivánek
The potential and limitations of geophysical measurements on archaeological sites partly investigated in the past: case studies from the Czech Republic
- 10.40-11.00 Tomasz Herbich
Geophysical surveying in Egypt: periodical report for 2013-2015

11.00-11.30 Coffee and Tea break

Archaeological feedback – special session 1. Chairman: Neil Linford

- 11.30-12.00 Stefano Campana
Emptyscapes: filling ‘empty’ mediterranean landscapes, mapping the archaeological *continuum*
- 12.00-12.30 P. Martijn van Leusen
Closing the loop. Extracting more value out of archeogeophysical surveys in the Raganello Basin
- 12.30-13.00 Irene Forstner-Müller, Tomasz Herbich, Christian Schweitzer
Archaeological and geophysical survey of Tell el-Dab^a, an ancient town in the Nile Delta

13.00-14.30 Lunch

Archaeological feedback – special session 2. Chairman: Immo Trinks

- 14.30 - 15.00 Christophe Benech
Contribution of geophysics to research on city planning in the ancient and classical Near East
- 15.00 - 15.30 Benno Zickgraf
Geophysical survey or archaeological prospection? A plea for archaeological feedback
- 15.30 - 16.00 Włodzimierz Rączkowski, Tomasz Herbich
Creating a new standard: medieval town(s) within remote sensing perspective

16.00-16.30 Coffee and Tea break

Archaeological feedback – special session 3. Chairman: Jörg Fassbinder

- 16.30 -17.00 Barbara Helwing
What you see is what you get: some reflections on the impact of geophysical data on the strategies of archaeological fieldwork, based on case studies from Iran and Azerbaijan
- 17.00 – 17.30 Nadine Dieudonné-Glad
Do magnetic and electric survey results correlate with archaeological evidence? Case studies
- 17.30 - 18.00 Raimund Kastler
The multiple benefits of archaeological geophysical prospection in Salzburg. Ten years of archaeological feedback in retrospect

18.00 - 19.00 ISAP General Assembly

Day 5, Saturday 19.09.2015, Palace of King Jan III Sobieski in Wilanów

**9.30 – 15.00 Conference excursion to the Museum of King Jan III's Palace in
Wilanów**

Andrzej Gołembnik: **Searching for the graphic forms of synthesis – a new
perspective** (presentation at the Palace's orangery)

Visit to the Palace Museum (guided tour)

Barbeque in the palace gardens (tasting of traditional Polish food)