23 APRIL 2019, TUESDAY

WORKSHOPS

WORKSHOP 1: IMPROVING PRESENTATION SKILLS
WORKSHOP 2: FROM SHAPES TO SEQUELS: THE VALUE OF INTEGRATING POSTGIS WITH QGIS
WORKSHOP 3: REFLECTANCE TRANSFORMATION IMAGING
WORKSHOP 4: CAA SCRIPTING LANGUAGES HACKATHON I – CAN YOU CODE THIS?
WORKSHOP 5: ARCHAIDE. A NEURAL NETWORK FOR AUTOMATED RECOGNITION OF ARCHAEOLOGICAL POTTERY
WORKSHOP 6: THE BLOCKCHAIN: MEET THIS “UNKNOWN FRIEND”
WORKSHOP 7: AGENT-BASED MODELLING FOR ARCHAEOLOGISTS
WORKSHOP 8: INTERACTIVE HISTORYTELLING WITH TWINE
WORKSHOP 9: KILL THE MUSEUM BY DESIGN: A DESIGN APPROACH FOR CREATION AND SHARING OF INFORMATION AND NARRATIVES
WORKSHOP 10: INTRASIS WORKSHOP

ICEBREAKER PARTY
WEDNESDAY, 24 APRIL 2019

09:00 - 10:00
WELCOME ADDRESSES AND KEYNOTE

10:00 - 10:20
COFFEE BREAK

10:20 - 12:40
房间1
- S02: Progress in WebGIS and DB solutions for Archaeology
  - Matsumoto, Uleberg, Hochschild, Märker, Willmes
- S22: Digital Infrastructures for Archaeology: Past, Present and Future directions
  - Richards, Wright, Niccolucci
- S24: New methods for stratigraphic modeling
  - Andreak & Barceló

12:40 - 14:00
LUNCH BREAK

14:45 - 15:30
房间1
- S02: Progress in WebGIS and DB solutions for Archaeology
  - Matsumoto, Uleberg, Hochschild, Märker, Willmes
- S22: Digital Infrastructures for Archaeology: Past, Present and Future directions
  - Richards, Wright, Niccolucci
- S24: New methods for stratigraphic modeling
  - Andreak & Barceló

15:40 - 16:00
COFFEE BREAK

16:00 - 18:00
房间1
- S02: Progress in WebGIS and DB solutions for Archaeology
  - Matsumoto, Uleberg, Hochschild, Märker, Willmes
- S22: Digital Infrastructures for Archaeology: Past, Present and Future directions
  - Richards, Wright, Niccolucci
- S24: New methods for stratigraphic modeling
  - Andreak & Barceló
SESSIONS

WELCOME ADDRESSES AND KEYNOTE

COFFEE BREAK

S05: R as an archaeological tool: current state and directions (vol. II)
   Tietze, Schmidt, Grunert

S27: Chasing heritage thieves: digital methods and approaches to contrasting trafficking and looting of cultural property
   Traviglio & Giovanelli

S28: Computational classification in archaeology
   Nakoinz & Hinz

S41: From Micro to Macro: computer-based approaches for the analysis of big data in the study of artefacts and societies
   Lorenzon & Kaliszewska

LUNCH BREAK

S14: Modelling Data Quality in archaeological Linked Open Data
   Bruhn, Mees, Thiery

S27: cont.

S46: Spatial Analysis of 3D Archaeological Information: Method and Theory
   Nobles & Raether

S28: Computational classification in archaeology
   Nakoinz & Hinz

So1: Student and Early-Career researcher session
   Miles

COFFEE BREAK

S26: Archaeological network research: formal network representation of archaeological theories
   Gheorghiade & Brughmans

R03: Roundtable Scientific Scripting Languages in Archaeology - Limits and Opportunities of Open Research
   Hinz, Schmid, Schmidt

S3: In pursuit of social space. Detecting activity areas in Palaeolithic contexts
   Moreau, Spagnolo, Morera, Wiśniewski, Nieto-Márquez

So1: Student and Early-Career researcher session
   Miles
**THURSDAY, 25 APRIL 2019**

<table>
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<tr>
<th>Time</th>
<th>Room 1</th>
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<th>Room 3</th>
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| 08:40 - 10:40 | **O20: Recent Developments in Digital Numismatics – Breaking down barriers**<br>
Gruber, Tolle, Wigg-Wolf | **S26: Archaeological network research: formal network representation of archaeological theories**<br>
Gheorghie & Brughmans | **R36: User Experience Design in Archaeology and Cultural Heritage**<br>
Dolcetti, Perry, Opitz |
| 10:40 - 11:00 | **COFFEE BREAK**                                                       |                                                                        |                                                                        |
| 11:00 - 12:40 | **O20: Recent Developments in Digital Numismatics – Breaking down barriers**<br>
Gruber, Tolle, Wigg-Wolf | **S34: Archaeological Data for Modern Problems. Modern Methods for Archaeological Questions**<br>
Crabtree & Romanowska | **R36: User Experience Design in Archaeology and Cultural Heritage**<br>
Dolcetti, Perry, Opitz |
| 12:40 - 14:00 | **LUNCH BREAK**                                                        |                                                                        |                                                                        |
| 14:45 - 15:30 | **R39: The European Research Council (ERC): funding excellent research in the field of Archaeological Science**<br>
Priki | **S34: Archaeological Data for Modern Problems. Modern Methods for Archaeological Questions**<br>
Crabtree & Romanowska | **O35: Extreme Data Processing in Archaeology**<br>
Cuy, Ducke, Foertsch, Block-Berlitz |
| 15:40 - 16:40 | **POSTER SESSION & COFFEE**                                           |                                                                        |                                                                        |
| 16:40 - 19:00 | **ANNUAL GENERAL MEETING (AGM)**                                       |                                                                        |                                                                        |
SESSIONS

Room 4
Ro8: Teaching Digital Archaeology
Sonnemann, Kiarszys, Traviglia

Room 5
So1: Student and Early-Career researcher session
Miles

Room 6
S42: New technologies in woodland archaeology: problems and limitations
Niedziółka, Konczewski, Jakubczak

Room 7
O23: Taking your GIS onto the field. 'How'-s and 'Why'-s of future survey
Buławka, Campana, Chyla

COFFEE BREAK
Ro8: Teaching Digital Archaeology
Sonnemann, Kiarszys, Traviglia

LUNCH BREAK
Ro9: Thinking out of the classroom: sharing knowledge and resources for education and training in digital archaeology
Verhagen, Lang, Kondo, Stead

POSTER SESSION & COFFEE
S29: Our little minions, part 2: small tools with major impact
Visser, Thiery, Mennenga

ANNUAL GENERAL MEETING (AGM)
## Friday, 26 April 2019

### Room 1

<table>
<thead>
<tr>
<th>Time</th>
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| 08:40 - 10:40 | S33: Digital Landscapes in Archaeology: From field recording to the reconstruction of human use of space  
*Herrera Malatesta, Hinojosa-Balino, Hernández Cordero* |
| 10:40 - 11:00 | COFFEE BREAK                                                            |
| 11:00 - 12:40 | S33: Digital Landscapes in Archaeology: From field recording to the reconstruction of human use of space  
*Herrera Malatesta, Hinojosa-Balino, Hernández Cordero* |

### Room 2

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<thead>
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| 10:40 - 11:00 | S15: Issues of scale in archaeological computational modelling  
*Davies & Wren* |
| 11:00 - 12:40 | S15: Issues of scale in archaeological computational modelling  
*Davies & Wren* |
| 12:40 - 14:00 | LUNCH BREAK                                                             |
| 14:45 - 15:30 | S18: Immersive Digital Media in Archaeology: Memory, Place and Performance  
*Beale, Richards, Smith* |
| 15:40 - 16:00 | COFFEE BREAK                                                            |
| 16:00 - 18:40 | S18: Immersive Digital Media in Archaeology: Memory, Place and Performance  
*Beale, Richards, Smith* |

### Room 3

<table>
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<th>Time</th>
<th>Session</th>
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| 08:40 - 10:40 | S01: Student and Early-Career researcher session  
*Miles* |
| 10:40 - 11:00 | S01: Student and Early-Career researcher session  
*Miles* |
| 11:00 - 12:40 | S15: Issues of scale in archaeological computational modelling  
*Davies & Wren* |
| 12:40 - 14:00 | LUNCH BREAK                                                             |
| 14:45 - 15:30 | S44: Analysing Shape in the Digital Age: Current Considerations in Archaeological Application of Geometric Morphometrics  
*Hoggard, Stark, Roth, Janin* |
| 15:40 - 16:00 | COFFEE BREAK                                                            |
| 16:00 - 18:40 | S44: Analysing Shape in the Digital Age: Current Considerations in Archaeological Application of Geometric Morphometrics  
*Hoggard, Stark, Roth, Janin* |

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**O07: Teaching 2.0: Show me how you teach!  
Tietze & Hageneuer**

**S44: Analysing Shape in the Digital Age: Current Considerations in Archaeological Application of Geometric Morphometrics  
Hoggard, Stark, Roth, Janin**

**S32: Multiscalar and Multivariate Approaches to Digital Documentation of Archaeological Sites  
Ippolito & Rissolo**
<table>
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<th>Room 4</th>
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<th>Room 6</th>
<th>Room 7</th>
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| S21: Challenges and opportunities of machine learning in archaeological research  
*Brandsen, Kramer, Verschoof-van der Vaart* | S06: Recent advances in spatial statistics for archaeology  
*Roe & Carrer* | S13: Ethics in Digital Archaeology: Concerns, Implementations, and Successes  
*Denis* | O37: 3D Publishing and Sustainability: Taking Steps Forward  
*Sullivan, Richards-Rissetto* |
| **COFFEE BREAK** | | | |
| S21: Challenges and opportunities of machine learning in archaeological research  
*Brandsen, Kramer, Verschoof-van der Vaart* | S06: Recent advances in spatial statistics for archaeology  
*Roe & Carrer* | S17: Empowering Archaeology of the Senses through digital approaches  
*Landeschi, Richards-Rissetto* | S04: Digital archaeology of modern conflict landscapes  
*Kiarszys & Kostyrko* |
| **LUNCH BREAK** | | | |
| S11: Pre-modern cities and complexity  
*Paliou, Artopoulos, Romanowska, Crawford, Kalayci* | S45: Virtual Reality and 3D modeling: Where are we now?  
*Zarmakoupi* | S17: Empowering Archaeology of the Senses through digital approaches  
*Landeschi, Richards-Rissetto* | S04: Digital archaeology of modern conflict landscapes  
*Kiarszys & Kostyrko* |
| **COFFEE BREAK** | | | |
| S11: Pre-modern cities and complexity  
*Paliou, Artopoulos, Romanowska, Crawford, Kalayci* | R19: Our knowledge is all over the place!  
*Reilly, Stead, Pouncett* | S40: Argumentation and the Archaeological Record  
*Gonzalez-Perez, Martin-Rodilla, Pereira-Fariña* | S25: “Real-time” archaeological data. Hyperreality, temporality and materiality of digital archaeological objects  
*Stobiecka* |
EXCURSIONS

TOUR 1: WIELICZKA SALT MINE TOUR

The remarkable and breathtaking site Wieliczka Salt Mine has been enlisted on UNESCO Heritage List since 1978. The unique underground town consists of 300 kilometres of tunnels, shafts, chambers, chapels and lakes. Nine levels of mine's development reaches 327 meters under the surface.

You can join the famous visitors such as Nicolaus Copernicus, Johann Wolfgang von Goethe, Alexander von Humboldt, John Paul II to discover this amazing place. During tour you will have a chance to learn a history and development of salt-mining from prehistoric times. The English speaking guide will present the local legends and miners’ daily life. You will explore the underground lakes, chapels and the monumental St. Kinga Chapel. The Wieliczka Salt Mine is absolutely must-see place in Poland.

TOUR 2: THE MEMORIAL AND MUSEUM AUSCHWITZ-BIRKENAU TOUR

KL Auschwitz is the former German Nazi concentration and extermination camp. Over 1.1 million women, men and children lost their lives there. Auschwitz-Birkenau is a symbol of Holocaust since it became the deadliest extermination centre of European Jews. The victims were transported from all over the Europe, that fell into Nazi occupation. The complex has been preserved as a memorial museum and has remained as a living monument of Genocide and as a warning for next generations, according to quote by George Santayama: Those who cannot remember the past are condemned to repeat it.

The visit is divided into two parts. First You will pass under the infamous inscription: Arbeit Macht Frei in Auschwitz I: the concentration camp. You will learn about the everyday life of prisoners. You will see the tons of confiscated belongings of the Nazi victims. In the extermination camp of Auschwitz II: Birkenau you will experience the horror of the Jews unconsciously led to death.