## Lecture Programme:

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<td><strong>Registration and Coffee</strong></td>
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<td>1000-1005</td>
<td><strong>Introduction</strong></td>
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<td>1025-1040</td>
<td>Tally Ho! Recovery of a Spitfire using an integrated approach. P Masters and R Osgood</td>
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<td>1045-1100</td>
<td>Fountains Abbey: A Re-survey and New Interpretations Within the World Heritage Site. C Gaffney, C Harris, M Newman, M Langton and R Walker</td>
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<td>1105-1120</td>
<td>Sensing the Iron Age and Roman Past: Geophysics and the Archaeology of Hertfordshire. K Lockyear</td>
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<td>1125-1155</td>
<td><strong>Tea/Coffee break</strong></td>
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<td>1155-1210</td>
<td>Model-based inversion of magnetometer data in support of archaeological interpretation: the Raganello Archaeological Project. A Schmidt, K Armstrong, W de Neef and M van Leusen</td>
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<td>1215-1230</td>
<td>Underwater cultural heritage preservation: Waterlogged archaeological wood ultrasonic properties for in situ evaluation method A Zisi</td>
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<td>1235-1250</td>
<td>ArchaeoPY: Constructing and Utilising Open Source Software for Archaeological Geophysics. F Pope-Carter, C Harris, T Sparrow and C Gaffney</td>
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<td>1255-1300</td>
<td><strong>Morning closing remarks</strong></td>
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1300-1430  **Lunch (Lower Library)** – all delegates
**NSGG AGM (Lecture Theatre)** – open to all Geological Society members.

1430-1445  **Geophysical Surveys for Palaeo-environmental Reconstruction in the Transition Zone.** R Bates and M Bates

1450-1505  **NDT and Geo-Archaeology in Italy: could interdisciplinarity be a solution?** P M Barone and C Ferrara

1510-1525  **Using geophysical survey in the archaeological characterisation of uplands: a case study from the later prehistoric landscape of the Yorkshire Dales.** M K Saunders, I Armit and C Gaffney

1530-1600  **Tea/Coffee break**

1600-1615  **Magnetic Susceptibility Mapping with the Geonics EM38B Electromagnetic Susceptibility/Conductivity Meter to Locate and Map Archaeological Sites.** D McNeill, J Fowler, R Ferguson, R Duggan and S Beanlands


1640-1655  **Recent Surveys at Saruq Al-Hadid, Dubai, United Arab Emirates.** D Hale and R Villis

1700-1715  **Mary, Mary, quite unwary, what could your garden geophysical survey show?** P Cheetham

1720-1730  **Conclusion**

1735-1900  **ISAP AGM (Lecture Theatre)**

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**Posters (09:30-19:00 in the Lower Library):**

*Prospecting the location of the Gessel Hoard – the Bronze Age gold discovery from Syke, Lower Saxony, Germany.* C Schweitzer

*The same old seasonal issue? A time-lapse investigation into the changing resistivity of archaeological soils in-situ.* R Fry, C Gaffney, C Batt and A Beck

*The Roman Countryside of Northwestern Noricum.* L Kühne, J W E Fassbinder, R Linck and F Becker

*Searching for Scandinavians: a multidisciplinary investigation at Torksey, Lincolnshire.* H Brown
Locating and Delimiting Iron Age and Early Medieval Settlement Sites in Norway by Mapping Topsoil Magnetic Susceptibility. A A Stamnes

CartEasyX – Moving from 2D tiles to three-dimensional data collection and analysis in magnetometry. F Pope-Carter, G Attwood, C Gaffney and J Gater

GPR approaches in revealing the urban planning of ancient Mantinea. A Sarris, M Manataki, J C Donati, C Cuenca-García, T Kalayci, F Simon and N Papadopoulos

Comparative measurements with Ferex fluxgate and Scintrex SM4G caesium magnetometers on archaeological sites in Bavaria. S Manoli, P Smid and J W E Fassbinder

The Absent Line of Sight and other Survey Lessons from Westminster Abbey - a Final Chapter in a Comprehensive Church Survey. E Carrick Utsi

Electrical Resistivity Tomographies in shallow water marine environment for detecting archaeological targets. K Simyrdanis, N Papadopoulos and J-H Kim

Geophysical Explorations at ancient Onchestos, Boeotia, central Greece. N Papadopoulos, I Mylonopoulos, K Simirdanis and S Kirkou

MALÅ “Mini” MIRA (MALÅ Imaging Radar Array) Experiences. J Adcock

New findings following the magnetic survey of the port city of Berenike on the Red Sea coast in Egypt (PCMA UW–University of Delaware project). T Herbich and I Zych

LEA MAX – from now on a multi-sensor array for diverse types of magnetic gradiometers. C Meyer

Stamp collecting or diagnostic advancement? A vision for landscape survey. M Roseveare, A Roseveare, R Fry, S Purvis and D Rouse

Evidencing the part of dielectric permittivity in the in-phase EMI response: an example in Bahrain. C Benech, F Rejiba, A Tabbagh and P Lombard

A Walk Through the Lilliput Farm Barrows. O Stanley, J Oswin and R Buettner

Archaeological Geophysics and Precision Farming. H Webber

Commercial Exhibitors (09:30-19:00 in the Lower Library):

Allied Associates Geophysical Ltd
Bartington Instruments Ltd
DW Consulting

Geomatrix Ltd
Geoscan Research Ltd
Sensys Gmbh