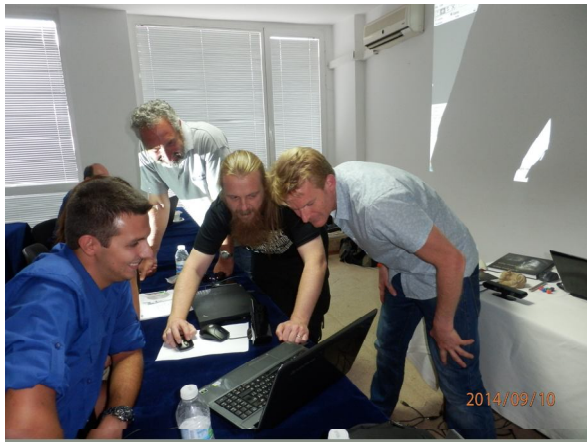# 3D Visualization of Cultural Heritage

The Technology Transfer Seminar on 3D Visualization of Cultural Heritage was held in Varna on September 10, 2014. It was organized as an associated event to the 16th International Conference on Artificial Intelligence: Methodology, Systems, and Applications (AIMSA'14, www.aimsaconference.org).

The seminar was designed to give an introduction to the theory, process and practice of capturing and preparing digital models of cultural heritage artefacts and how these digital objects can be used to enrich the understanding of our past. The event was implemented as a one-day tutorial that combined several theoretical lectures with a number of practical sessions allowing delegates to get hands on experience with technologies available with an emphasis on low cost, ease of use and sustainability.

The morning session included the following lectures: **Drew Backer** (Kings College, London, UK). *Digitising Cultural Heritage - An overview of the state of digital cultural heritage, its importance, use and potential* and *Making Spaces - An entry level introduction to multi dimensional theory (space, time and probability), interaction design and dissemination*; **Martin Blazeby** (Kings College, London, UK) *Best Practice for 3D Digitisation - The London Charter for the Computer-based Visualisation of Cultural Heritage: initiative and other approaches*, and *3D Capture Techniques*. The afternoon session consisted of two hands on workshops - *Depth Map Sensor scanning and Handyscan* and *Photogrammetry*.

The event was attended by 20 participants from Bulgarian research institutions.