

Workshop on 3D Digitisation and Virtual Reality

Sofia, April 18, 2015

The Technology Transfer Workshop on 3D Digitisation and Virtual Reality was part of the AComIn Doors Open Days 17-18 April 2015 at IICT-BAS.

The workshop was opened with a talk given by Assoc. Prof. Vessela Statkova, entitled “*3D visualization of artifacts*”. The presented results are based on the joint experimental project between IICT-BAS and the Master Program "Multimedia and virtual reality" at the Academy of Music, Dance and Fine Arts (AMDFA), Plovdiv.



Dr. Kristina Jakimovska from IICT-BAS gave an introductory talk about *3D laser scanning* and made a practical demonstration of the scanning process.



After the talks, a demonstration of alternative methods for 3D image acquisition based on the photogrammetry technique was done. Three different cloud-based platforms were presented and tested. Further the SmartLab 3D printer was presented. The technologie was demonstrated using the virtually designed models by master students from AMDFA and 3D scanned paleo-anthropological artefacts.



The Workshop continued with poster presentations about 3D digitisation of cultural heritage, applications of 3D technologies in the design of clothing, games, and virtual reality. About 35 participants from universities, academy and industry attended the scientific program and related demonstrations.

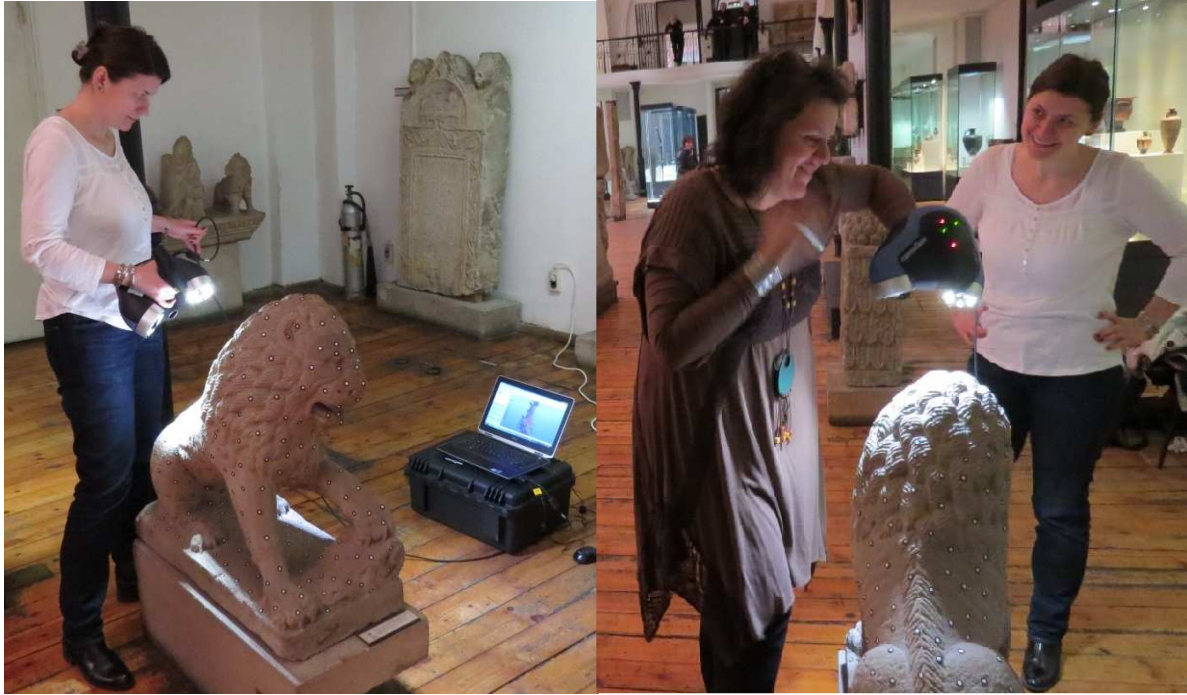




Preliminary event: 3D laser scanning at the National Institute of Archaeology with Museum, Bulgarian Academy of Sciences

The scanning was done together with Dr. Kristina Jakimovska from ICT-BAS and MSc. Kalina Sotirova from IMI-BAS. We would like to thank Assoc. Prof. Maria Reho, Vice-Director of NIAM-BAS for providing the access to the museum.





Follow-up event: *Day of the Multimedia* at Academy of Music, Dance and Fine Arts, Plovdiv, 22 May 2015, co-organized by ICT-BAS. Presentations done in Sofia on 18 April were delivered in AMTI Plovdiv on 22 May 2015.

