

*SMARTTECH 3D scanners help future archeologists improve their researches get inspired and achieve great results at Warsaw University.*

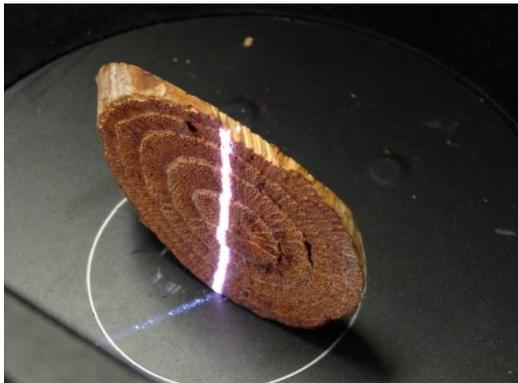
*"SMARTTECH 3D optical measurement systems are the most innovate methods of archeological researches, great that it's affordable enough to put it to the workshop"*

*– Janusz Janowski, 3D scan Lab Director, University of Warsaw*

When you are young and open minded it's obvious that things you learn at school shall be adjusted to current methods that will be used in your future job.



3D scanning stuffed Owl



3D scanning Wooden knag for age virtual research

Archeology Department of University of Warsaw has its own 3D scanning Laboratory what makes it one of the most innovate learning units in Poland. Thanks to 3D scanning technologies all students can make their own researches with a results hundred times better than using traditional methods.

Three-dimensional methods brings very accurate copy into the computer, which describes existing object with it's all geometrical and color features. Such copy can be threaten with no mercy - you can crush or cut it without any damage to your relic.

Full participation in the broader archeology community

The students are using a SMARTTECH Structured Light scan 3D Archeo 10 Mpix, Scanbright Mini - dedicated to scan very small objects like coins, and long range laser scanner P30 from Leica for geodetic researches. Such equipment allows to measure archeological and museum objects of all sizes. What gives almost unlimited learning possibilities for all future archeologists.

All protégées of Archeology department are making virtual analysis using industrial software Geomagic Control that allows to measure volumes, compare, analyze surfaces and angles. When they create a virtual model they



3D scan Lab exercises ducks feathers

discover all its aspects that could help them to visualize how relic could look originally.

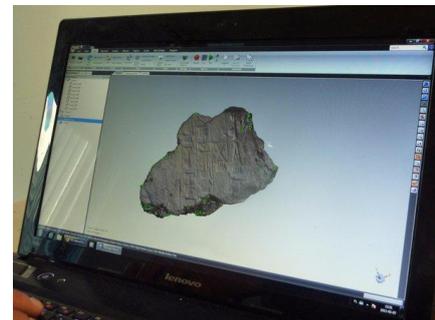
“3D scanning is in the headlines every day and for good reason,” says Janowski. “A device like the Scanbright

Archeo could be in everyone’s home in a few years. Either way, it’s important that smart, creative, ambitious high school students like mine get immersed in technologies like this so they can fully participate in the broader archeologists community, and better prepare for advanced educational programs and careers.”

Janowski has observed that 3D scanning has made students more agile in their three-dimensional thinking. As they master the workings of the hardware and software, they will assume greater responsibility for researches and will help train faculty members from other disciplines, such as art, science and analytics, in the technology.



Ancient cuneiform tablet



Virtual model - ready for analysis

SMARTTECH is ideal for schools and universities because of it has no operating cost, safe operation process. No other method than touch less 3D scanning is more safe. And since digital data is constant and can be copied unlimited thousand times whole class room can do their exercises using just one 3D scanner.

Because the machines are handy and mobile they can be easily carried to different parts of globe where the relics are stored. That's why they started to cooperate with places like: Bornholm's Museum, Center of Textile Research and University of Copenhagen in Denmark, Iceland Institute of Archeology Römisch-Germanische Zentralmuseum, Vor- und Frühgeschichtliche Archäologie, Rheinische Friedrich-Wilhelms-Universität, in Germany.

“Students have only one shot at getting high school right, and the ones who invest themselves into their studies are the ones with the best chance at success in years to come,” says Janowski SMARTTECH 3D scanning technologies are helping us engage these students early in a meaningful way so they can go on to create their own opportunities – and make the most of them.”

Innovate technologies as the most sufficient way of University promotion.

Despite sharing the knowledge, 3D scanners are also very impressive manner to



**Archeology Department of Warsaw University is a participant of  
SMARTTECH3Dedu program.**

*Read More at [smarttech3d.com](http://smarttech3d.com) or contact us [sales@smarttech3d.com](mailto:sales@smarttech3d.com)*