



## New Graphene Lab opened at the Warsaw University of Technology

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WUT's Laboratory is part of the Faculty of Chemical and Process Engineering. The standard form of graphene for the purpose of research will be produced there. The production and application of monolayer sheets of graphene will be the main focus of the Laboratory.

This building project was co-financed with the EU funds as part of the Regional Operation Programme for Masovian Voivodship 2007-2013 (1.1 Action – Strengthening R&D sector in Masovia as Priority I states "Creating conditions for the development of innovative potential and entrepreneurship in Mazovia"). It is worth 4,5 mln zł where 630 thousand PLN was paid by the Warsaw University of Technology itself.

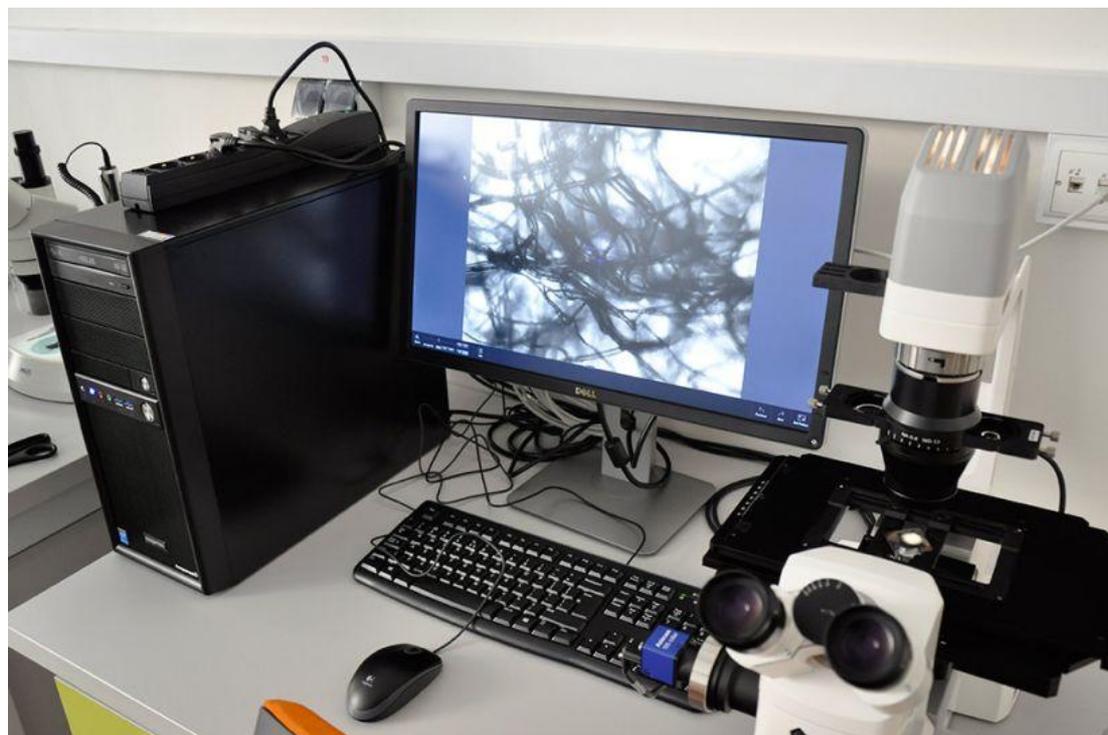
Areas of WUT's new Graphene Lab activity are:

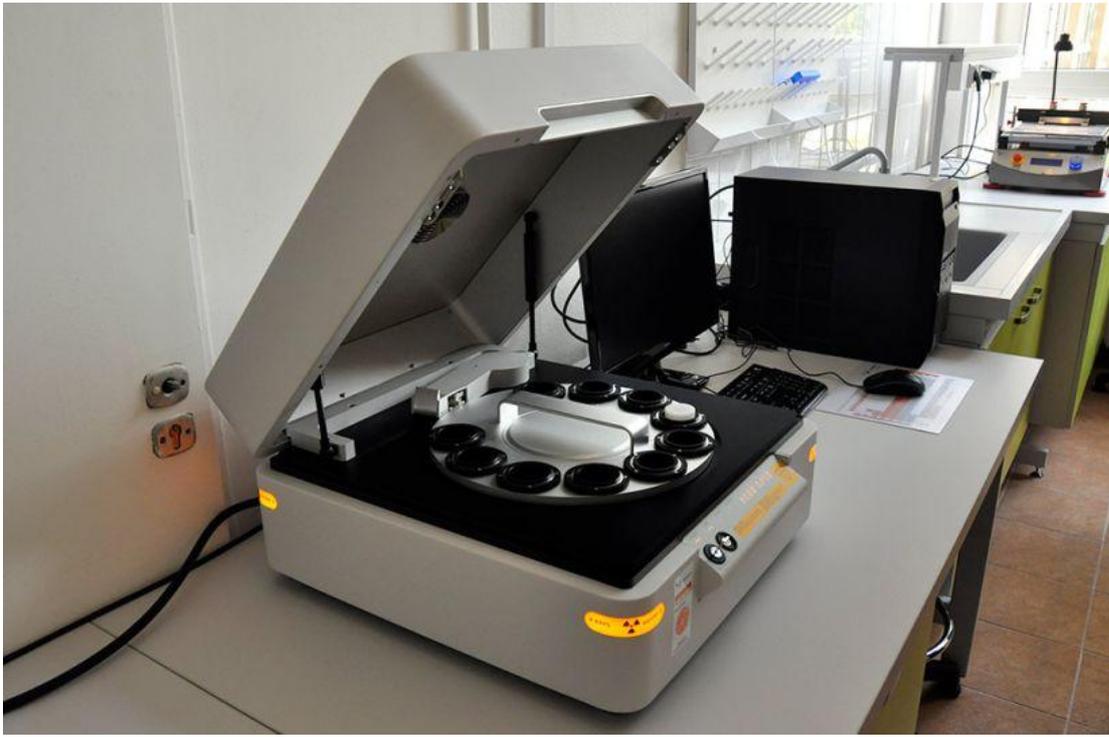
- Production of the standard form of Graphene oxide and Reduced Graphene oxide for the purpose of researching graphene advanced applications.
- Evolving new methods of modifying and improving functionality of graphene ie. in creation of composite materials, in chemical industry or in biomedicine.

The WUT's Graphene Lab with its modern devices will be producing and modifying graphene in a standardized and repetitive way. Accurate physico-chemical analyses of various forms of graphene will be possible there such as: study of content of impurities, level of graphene material functionality, researching phase transitions and thermal properties.



WUT's Rector together with the Dean of the Faculty of Chemical and Process Engineering opening the New Graphene Lab/ photo by BPW





[More photos.](#)