



Co-operation offer



Nanostructured Materials Technology  
and Bionanotechnology Team  
Faculty of Chemical Engineering and Technology  
Cracow University of Technology

## Nanostructured Materials Technology and Bionanotechnology Team

### Offered technologies obtaining of:

- nanometals (Ag, Au, Cu, Pt, Ni, Ce, Pd)
- nano non-metals (Se)
- nanostructured metal oxides (ZnO, CuO, Fe<sub>2</sub>O<sub>3</sub>, ZrO<sub>2</sub>, Ce<sub>2</sub>O<sub>3</sub>, Ge<sub>2</sub>O<sub>3</sub>)
- nanocomposites for specific applications:
  - dental,
  - hydrocolloids,
  - polymer composites,
  - anti-corrosion coatings with nanomaterials

### We increase the level of innovation by:

- development of technological scenarios
- selection of process parameters
- physicochemical characteristics of nanomaterials and nanocomposites
- scientific consultation in nanotechnology and related fields
- developing of innovative solutions to meet the needs of companies and their development strategies
- issuing of opinions on innovation for technology currently used

Targeting research on the theme, which affects economic development can benefit both the scientific units and enterprises. A chance to transfer the research results and implementation them in the profile of companies creates the prospect of common benefits. Exploitation of research results in practice contributes to the development of a knowledge-based economy, which is an integral part of development activities.

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## Scientist + Entrepreneur = Success

If you are planning to develop your company on the basis of the latest scientific findings and you would like to collaborate with experienced scientific experts check the offer of Cracow University of Technology for the industry [www.s2b.transfer.edu.pl](http://www.s2b.transfer.edu.pl).

### Our online database includes:

- technology offers, patents and industrial designs
- listing of University commercial services including laboratory expertise and research
- database of experts with experience in the implementation of services for the industry

As an internal unit of Cracow University of Technology, our team of consultants is specialized in the commercialization processes. On the other hand long term active cooperation with entrepreneurs allows us to identify precisely industry needs and expectations. Experiences gained through the last two decades on the edge of industry and science collaboration, let TTC formulate optimal models of commercialization and suitable methods of development projects support.



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