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Dream Chemistry Award for the scientific project of your dreams up for grabs again!

Science is what makes the world change and scientists' dreams are what make science change. For this reason the Institute of Physical Chemistry of the Polish Academy of Sciences is inviting young scientists to participate in this year's Dream Chemistry Award, an international competition for the most interesting and as yet not implemented scientific-dream project.

The Institute of Physical Chemistry of the Polish Academy of Sciences (IPC PAS) in Warsaw has launched the next Dream Chemistry Award (DCA) competition for the most interesting visionary scientific project in the field of chemistry and where it meets physics, biology, medicine and materials engineering. The winner will receive a statuette and a monetary prize of 15 thousand euro. The award's Honorary Committee includes the following eminent chemists: Nobel laureate Prof. Richard R. Schrock (MIT), Prof. Krzysztof Matyjaszewski (Carnegie Mellon University) and Prof. Bartosz Grzybowski (Ulsan National Institute of Science and Technology).

“All that is great actually begins with dreams. We want to support scientists who are capable of dreams, because we hope to increase the chances that their innovative projects will one day become a reality,” says Prof. Robert Hołyst, director of the IPC PAS.

The 2015 Dream Chemistry Award Competition is directed at scientists under the age of 36 years from all over world, who presented their doctoral thesis (in this year's competition) in 2008 or later. For their submission to be accepted, the candidate must have been nominated by a scientist with a PhD or higher degree and at least 10 years' experience in sciences/natural sciences, counting from the publication date of his first scientific work. Submissions should be sent electronically by 31st July using the form on the Competition website (www.ichf.edu.pl/dreamchemistryaward).

The authors of the five best projects will be invited to Warsaw in December to present their idea in person to the members of the Honorary and Scientific Committees. One winner will be selected from the finalists.

The Scientific Committee is responsible for the highest substantive quality of the competition. It is made up of professors from the best Polish scientific institutions, such as the chemistry departments of the University of Warsaw, the University of Wrocław, the Nicolaus Copernicus

University in Toruń and Warsaw University of Technology, as well as the Institute of Organic Chemistry of the Polish Academy of Sciences, the Institute of Physical Chemistry of the PAS, the Institute of Physics of the PAS, the International Institute of Molecular and Cell Biology in Warsaw and Warsaw Medical University. The list of members of the Scientific Committee is publically available on the Competition website.

Members of the Honorary and Scientific Committees undertake in writing to exercise discretion with regard to the subject of the projects submitted to the competition and not to use the ideas contained in them.

The winner will be able to let the public know about his/her project (to the extent the winner desires) at the press release on the Competition results.

The winner of the previous Dream Chemistry Award is Dr. Evan Spruijt, a chemist from Ecole Supérieure de Physique et de Chimie Industrielles (ESPCI) in France, whose professional work involves using the classical concepts of physical chemistry to solve key issues in biophysics, including those related to the formation of cells, their growth mechanisms and the collective phenomena taking place in them. Dr. Spruijt was awarded the prize for his project involving the production of microdroplets of water that could be programmed in such a way as to automatically grow and divide in the appropriate physico-chemical conditions – thus modelling the most important characteristic of living cells.

Detailed information about the Dream Chemistry Award competition can be found at: <http://www.ichf.edu.pl/dreamchemistryaward/>

The Institute of Physical Chemistry of the Polish Academy of Sciences (<http://www.ichf.edu.pl/>) was established in 1955 as one of the first chemical institutes of the PAS. The Institute's scientific profile is strongly related to the newest global trends in the development of physical chemistry and chemical physics. Scientific research is conducted in nine scientific departments. CHEMIPAN R&D Laboratories, operating as part of the Institute, implement, produce and commercialise specialist chemicals to be used, in particular, in agriculture and pharmaceutical industry. The Institute publishes approximately 200 original research papers annually.

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RELATED LINKS:

<http://www.ichf.edu.pl/dreamchemistryaward/>
The website of the Dream Chemistry Award Contest.

<http://www.ichf.edu.pl/>
The website of the Institute of Physical Chemistry of the Polish Academy of Sciences.

<http://www.ichf.edu.pl/press/>
Press releases of the Institute of Physical Chemistry of the Polish Academy of Sciences.

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The Dream Chemistry Award statuette and 15,000 Euro wait for a chemist-visionary with the most interesting future-oriented research project. The Dream Chemistry Award Contest is organised for young researchers by the Institute of Physical Chemistry of the Polish Academy of Sciences in Warsaw. (Source: IPC PAS / Grzegorz Krzyżewski)