

STATEMENT  
of the International Scientific Workshop  
"Kyiv Experiments on Low-Energy Nuclear Synthesis"

(Bonn, Germany, February 6-7, 2004)

As the Ukrainian physicists believe, the Ukrainian private laboratory in Kyiv has for the first time implemented the nuclear synthesis reaction similar to those involved in supernovae explosions. Based on the results of several thousand experiments, it has been demonstrated with high reliability that as a result of electron-ion collective process a solid (e.g. copper) target, there actually occurs collapse of the substance, resulting in the creation of virtually all currently known chemical elements, as well as stable superheavy elements unknown as yet, in macroscopic amounts.

The international scientific workshop on those issues has been held on February 6-7, 2004, in Bonn Friedrich-Wilhelm University in Germany. Unique results obtained within the recent years by the researchers of Kyiv-based Proton-21 laboratory ([www.proton21.org.ua](http://www.proton21.org.ua)) have been presented by the author of the new physical concept, Dr. Stanislav Adamenko, and other leading researchers of the said laboratory.

The results obtained by Ukrainian physicists have been highly appreciated by German, Italian, Russian, and French scientists present at the seminar, and enjoyed interest from the experts of German official state institutions.

The technology created in Ukraine, experimental results obtained, and their theoretical interpretation, are of great importance for fundamental research, and open up unique opportunities for various applied areas. In particular, using the proposed scientific concept, it will be possible in the nearest future to achieve the following results:

- to create and implement a safe and environmentally-friendly technology for full liquidation of radioactive waste accumulated and stored over the years in many countries, posing a huge threat for the whole mankind;
- to develop and implement large-scale technologies for synthesizing elements and materials with desired features, as well as those with fundamentally new properties;
- to develop and implement a promising technology for power generation and a new kind of environmentally-friendly power generation facilities based on that technology.

At the workshop, an international working group has been created. Its membership includes all scientists and other experts from Ukraine, Germany, Italy, France, and Russia. The working group has to develop within the next three months a specific action plan aimed at the development and implementation of concrete projects within the framework of bilateral cooperation between Ukraine and other countries, as well as under the respective programs of the European Commission, IAEA and other international institutions.

Members of the International Working Group

Dr. S. Adamenko (Ukraine)

Prof. S. Albeverio (Germany)

Dr. V. Jentsch (Germany)

Prof. Yu. Kondratiev (Germany)

Prof. V. Malyshev (France)

Prof. F. Selleri (Italy)

Prof. B. Tirozzi (Italy)