

Andrzej Soltan Institute for Nuclear Studies IPJ

2009-03-26

The Andrzej Soltan Institute for Nuclear Studies IPJ is a state owned Laboratory located in Świerk 30 km east from Warsaw. It carries out pure and applied research on subatomic physics and technology. It also produces a specialized equipment for various applications (notably for medicine and environmental protection).

Advanced solutions in fight against cancer

www.hitecpoland.eu

A measurable factor of experiments and scientific work conducted at the Institute it is development of sophisticated products like: medical equipment accelerators, simulators computer driven treatment tables measuring equipments e.g. Multi-channel Pulse Amplitude Analyzer TUKAN and many more.

IPJ medical field of expertise has more than 30 years. The Institute is one of a few worldwide producers of equipment for radiotherapy. It offers accelerators, X-ray simulators, therapeutic tables and other necessary accessories for diagnostics and therapy. In the companies treatment line you will find three accelerators - Coline 4, Coline 6 and Coline 10, having the smallest dimensions in comparison to competitive linacs.

Polkam TBI – the price winner

IPJ has developed a sophisticated product for the total body irradiation technique. The unique table enables to prepare patients for bone marrow transplantation. Polkam TBI set includes three sub-assemblies: therapeutic bed, treatment table and laser pointer. The product has won the Polish "Teraz Polska" 2008 price for Innovative Products.

PolFEL – New European dimension for experimental and applied science in Poland.

www.polfel.pl

IPJ is planning to complete a project of the Polish Free Electron Laser (FEL) – a source of 100,000 times more powerful pulses than synchrotrons. Its research ability will range from studies of electron properties of molecules to 3D-imaging of atomic structures to registration of physical, chemical and biological processes on the atomic and femtosecond scale. The project is part of European FEL network EuroFEL – EU large scale research infrastructure recommended by ESFRI. POLFEL is to be the core facility of Science and Technology Park in Świerk.

A view to the future

The Andrzej Soltan Institute for Nuclear Studies is continuously working to implement science in products used in daily life, taking care of cancer patients, extending students knowledge in the field of nuclear research and applying new technologies. The Polish nuclear energy program opens up new prospects for IPJ and Świerk.

Podpis pod zdjęciem przedstawiającym Dyrektora IPJ podczas wręczania nagrody Teraz Polska:

"We can make a difference by taking action today, creating a better world" said Gr

zegorz Wrochna, Director of The Andrzej Soltan Institute for Nuclear Studies during the Teraz Polska Awards 2008.

Podpis pod zdjęciem Polkam TBI:

Award winning product Polkam TBI table – total body irradiation technique.

The Andrzej Soltan Institute for Nuclear Studies

05-400 Otwock-Swierk

Poland

Tel. +48 22 718 0583, fax +48 22 779 34 81

www.ipj.gov.pl

marketing@zdaj.com

Copyrights © Polish Market
<http://polishmarket.com.pl>