

8 Conferences, training and education activities

Tenth Kudowa Summer School 'Towards Fusion Energy'

Tenth Kudowa Summer School took place in 14-18 June 2011. It was annually organised by Polish Association and the International Centre for Dense Magnetised Plasma (ICDMP). Multinational audience, mostly PhD students but also Master students and young scientists from all Europe had opportunity to consolidate and widen their knowledge in fusion.

16 distinguished lecturers (the best specialists in the field) presented lectures during the school. Among others, there were lecturers: J. Ongena, H.J. Kunze, T.N. Todd, M.J. Sadowski

The topics of the lectures were as follows:

- Fusion Energy
- Magnetic Confinement Fusion (MCF)
- Inertial Confinement Fusion (ICF)
- Plasma Facing Materials and Plasma-Wall Interaction
- Plasma Diagnostic Techniques
- Fusion Technology

In total, there were 34 students-participants from various European countries (Poland, Russia, Ukraine, Hungary, Czech Republic, Bulgaria, Italy, Lithuania, Spain, Sweden) and two from India. Each participant was obliged to present their scientific work. There was a competition for the best presentation. Three prizes were awarded for the best presentations at the end of the school.

Fusenet

From the year 2008, the Association Euratom- IPPLM has participated in European Fusenet programme in the three following Work Programmes:

WP 5: Development and coordination of international fusion courses such as summer courses and specialized courses

WP 6: Development of educational goals PhD and Master Level

WP 10: Funding of organization and coordination of joint educational activities in support of European Doctorate and Master level education

For the first time, the IPPLM received financial support from Fusenet project for Tenth Kudowa Summer School. In the year 2011, this school fulfilled the requirement of being an international school for European PhD and Master students of fusion related study.

Apart from organising summer school for PhD and Master students, the IPPLM has developed educational project for teachers and students from High, that is the exemplary activity in Fusenet project at the level of High School education.

WP10-GOT-FabriCharMe GOT-3: participation in the cluster of Associations for the Goal Oriented Training in the priority area Materials (KIT– Karlsruhe Institute of Technology, CRPP – Switzerland, CCFE – Culham Centre for Fusion Energy, IPPLM – Warsaw University of Technology)

February 1st 2011 - Kick-off meeting – discussing preliminary programme of training and visits.