

5 Public Information

I. Participation in outreach and public events

Educational Project for Physics teachers

- 1) From January 2008 an educational project for Secondary and High School science teachers started – over 80 physics teachers from all over Poland have been involved. The project included:
 - preparing materials for teachers from sources available in English and Polish: EFDA, Science in School, unpublished articles by Polish scientists:
 1. translating articles about fusion from the magazine Science in School
 2. translating an educational poster from EFDA
 3. translating the book ‘Energy, Powering Your World’ – not finished
 4. printing articles and poster
 - distributing materials among teachers – February, April, November 2008 – CD, DVD and printed materials for each teacher
 - advising teachers how to use materials during physics lessons at school
 - 5-6 June 2008, two-day training course containing lectures on plasma physics and visits to labs in IPPLM (planning to do it every year) – 45 participants
 - events organized by teachers:
 1. June; physics session and exhibition: ‘Cleaner energy for the future’ – organizer Krystyna Pilot (teacher) IV LO in Katowice, one year project in the High School
 2. September; Science on Stage ‘Famous Einstein equation – ITER project’ performance prepared by Barbara Zegrodnik (teacher) and her students.
 3. Presentation ‘Fusion on the Earth – is it possible?’ – the Katowice University.
 4. Lecture ‘ITER project’ – workshop for teacher trainers in Warsaw
 5. Presentation ‘Fusion Expo’, the Łódź University
 6. Panel discussion in Tychy, City Council ‘Problems on the Earth in a view of modern science’
 7. Numerous local events in the schools taking part in the project
 - HRU visits and speeches done in the above events:
 1. June, Katowice, High School
 2. May, Łódź, University
 3. November, Tychy, City Council ‘ITER- when natural sources of energy have run out’
 - December, one day visit of 50 teachers from Koszalin in IPPLM, ‘50 years of research on fusion’ lectures and lab visits
 - preparing a visit of 45 Polish teachers to the tokamak JET in Culham in March 2009
- 2) presentation done by Ryszard Miklaszewski, IPPLM: ‘Fusion – the energy source for future generation’ in Technical University in Gdańsk, local session
- 3) June, Warsaw, science picnic, participation, distributing materials
- 4) November, Warsaw LHC Exhibition, participation, distributing materials
- 5) Continuation of cooperation with the professional theatre “GO” - 5 years tradition. The programme called “Meta-Physical Laboratory” introduces science to young people through art.

Performances and presentation of achievements of modern science especially related to fusion and global energy challenges in the institute and the schools from Warsaw and the region.

In 2008 more than 3000 students participated in the programme.

II. Contributions to EFDA PI Activities

1) Fusion Expo

Preparatory work for hosting Fusion expo in Poland.

4 Polish cities are doing their best to have Fusion Expo in their universities in the year 2009:

Koszalin – University of Technology, 26th May – 7th June

Szczecin – University of Szczecin, 10th – 30th June

Łódź – University of Łódź, 10th – 25th October

Katowice – Silesia University, 31st October – 15th November

2) Participation in the annual meeting of PI group in Lisbon. Informative, educational and very useful meeting with people from different European associations, who realize the task of Public Information in their countries. The best way of exchanging ideas and stimulating the work of the Association's Public Information sector.

III. Production of films, brochures, websites, etc

1) Widening IPPLM website with

- the section of education: informative documents for teachers about the educational project, for students about summer schools in Europe
- basic information about fusion, FAQ

2) Preparing materials for teachers from sources available in English and Polish: EFDA, Science in School, unpublished articles by Polish scientists:

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IV. Press release, journal articles, electronic media, radio broadcast

- 1) Radio programme on Polish national channel – 2nd January 2008 – participants: the HRU Andrzej Gałkowski, Helena Howaniec, cleaner energy for the future: ITER project, Educational project in IPPLM
- 2) Radio programme on Polish national channel – 17th July 2008 – ITER project; the HRU Andrzej Gałkowski
- 3) The HRU article 'From JET to ITER – an important step in achieving clean, safe and environmental –friendly energy' in the Polish Physics Society magazine: 'Postępy Fizyki'
- 4) The article of Paweł Gąsior in the magazine for teachers 'Physics at School'.