

This year's Hannes Alfvén prize was awarded to **Prof. Fritz Wagner** (Max-Planck Institut für Plasmaphysik, EURATOM Association, Greifswald, Germany), who gave a talk entitled Quarter Century of H-mode Studies.

**The 2007 divisional Hannes Alfvén Prize was awarded during the opening ceremony to Professor Friedrich Wagner (IPP Greifswald), who is the current chairman of the European Physical Society, and a member of the Max Planck society. The laudation for this academic distinction reads as follows.**

**Professor Friedrich Wagner is awarded the Hannes Alfvén prize for his continuing outstanding contributions to research into fusion by magnetic confinement. His discovery of the high-confinement mode (H-mode) in the ASDEX tokamak and subsequent work on transport barriers brought on a new era in nuclear fusion research, with consequences for ITER and future fusion reactors. Historically, study of the high-confinement mode led to the discovery of the stabilizing effect of sheared flows on plasma turbulence, implying a revolutionary step forward in the understanding and control of plasma turbulence and transport. The best fusion performance to date has been obtained in plasma conditions involving transport barriers and the concomitant turbulent transport reduction.**

**The successes achieved by the Wendelstein 7-AS experiment have re-vitalized the stellarator as a viable alternative confinement concept. Thus, although the next major magnetic confinement device ITER is a tokamak, it has become clear that other magnetic confinement concepts offer significant potential advantages, while a single machine concept may not provide a comprehensive solution for all possible applications of fusion energy. Contributions from the Max Planck Institute stellarator team led by Professor Wagner have shown that the performance and physics of confinement in stellarator devices are of general interest to the fusion community.**

**Professor Wagner plays a leading role in both tokamak and stellarator communities and stands out by his ability to summarize the essence of seemingly complex plasma phenomena. His open-minded approach to promoting the development of plasma physics has stimulated the creation of multi-disciplinary links between different scientific communities.**

**Jo Lister**

**Chairman of the European Physical Society Plasma Physics Division**

*Palace of Culture and Science – the conference venue*



*Palace of Culture and Science – the conference venue  
(the main entrance)*



*The Congress Hall in Palace of Culture and Science – the conference venue*



*The Congress Hall before lectures  
(Pawel Gasior, member of LOC)*



## *The conference Closing Ceremony*



*The Hotel Europejski – the venue of the Conference Reception*



*The Holy Trinity Lutheran Church – the venue of the Organ Concert*



*The Institute of Plasma Physics and Laser Microfusion in Warsaw  
(the bulding of menagement and administration)*



*The Institute of Plasma Physics and Laser Microfusion in Warsaw  
(the bulding of Division of Magnetic Confinetent Plasmas)*



*The Institute of Plasma Physics and Laser Microfusion in Warsaw  
(the bulding of Division of Laser Plasmas)*



## *The Royal Castle in Warsaw*



*The Royal Castle Squer with monument of King  
of Sigismundus the 3rd of Waza in Warsaw*



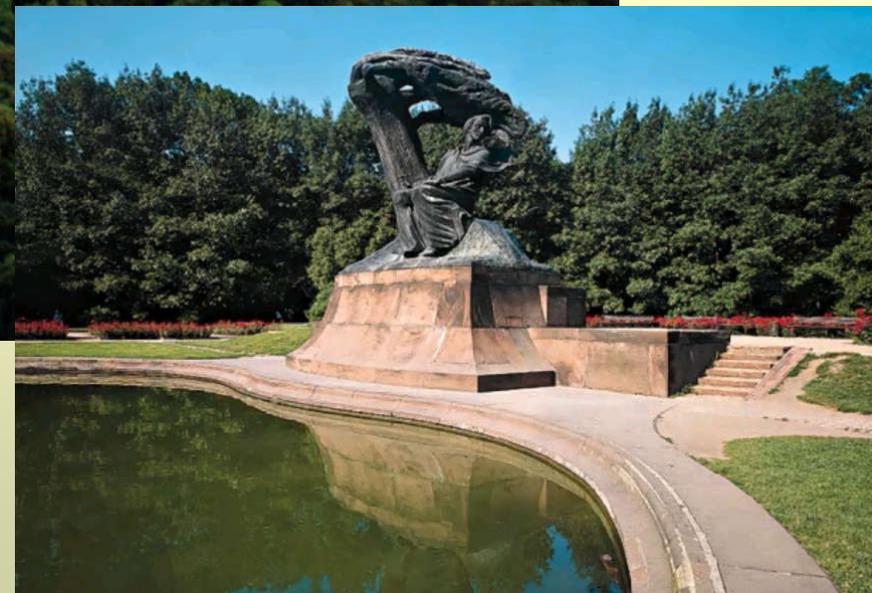
*The Old Town Market Square with monument of Siren – the symbol of Warsaw*



*The Barbican and city walls surrounding the Warsaw Old Town*



*The Lazienki Garden and the monument of Fryderyk Chopin*



*The King's Summer Palace in the Lazienki Garden*



*The monument of Fruderyk Chopin in the Lazienki Garden*



*The barokque Royal Palace in Warsaw-Wilanow*



*„Gosciniac Wiecha” - the venue of the Conference Dinner*



*The interior of „Gocsiniec Wiecha” - the venue the Conference Dinner*



*The interior of „Gosciniac Wiecha” – the venue of the Conferance Dinner*



*The Conference Dinner in „Gosciniac Wiecha”*



*The Conference Dinner in „Gosciniac Wiecha”*



*The Conference Dinner in „Gosciniac Wiecha”*



*The Conference Dinner in „Gosciniac Wiecha”  
(the folk dance)*



*The Conference Dinner in „Gosciniac Wiecha”  
(the sociable dance)*



*The Conference Dinner in „Gosciniac Wiecha”  
(Zygmunt Skladanowski, Chair of LOC)*



*The Conference Dinner in „Gosciniac Wiecha”  
(Jerzy Wolowski, member of LOC)*

