



## **POLSKIE STOWARZYSZENIE NAUCZYCIELI PRZEDMIOTÓW PRZYRODNICZYCH**

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### **Information on Polish Association of Science Teacher (PAofST)**

**Polish Association of Science Teachers** has been founded for a first time in Poland in 1993. It is the member of ICASE and IOSTE. PAofST has been validated by EC as a non profit association, private body, under the indirect cost method “Standard Flat Rate” with the following **PIC – 996754153**. It has the PADOR No. 0000212202.

The Members of PAofST are the teacher of: physics, astronomy, chemistry, biology, science and geography from whole Poland.

#### **General aims of this Association are as follows:**

- promoting activities in the development of Science Education (SE), including environmental (proecological) education at all educational levels, taking into account the reformed school curricula (lately in 1999 and 2009),
- encouragement of the vocational activity and professional development of science teachers,
- promoting recognition of the value of science knowledge and skills in the society,
- integration of science teachers in creation and exchange of science teaching resources,
- assistance and organisation of conferences, workshops, special schools and symposia,
- providing the professional evaluation of the existing didactical resources to promote various educational institutions and enterprise developments,
- co-operation with the other world-wide Science Teacher Associations and participation in the international projects for teachers and their students.

#### **The Members of the Polish Association of Science Teachers are performing activities in the following areas:**

- Polish Projects on Science Education, including interdisciplinary cases,
- Elements of ecology in science education,  
Elements of history of science in science education
- Pre-service and in-service training of science teachers,
- Presentation of teacher achievements at the international and Polish conferences, seminars, workshops, etc.,
- Organising the Annual Meeting (1993 – 2011 – 18 so far) at different places in Poland,
- **Collaboration within the international projects:**
  - SAE - Science Across Europe, project conducted by Association for Science Education, UK,
  - STL, Science and Technology Literacy, conducted by ICASE,
  - EU TRAIN, SOCRATES COMENIUS Project: Pedagogical practices in teacher training in Europe
  - EU ICT in SE, SOCRATES COMENIUS Project: Effective use of ICT in Science Education,
  - MOSEM, SOCRATES COMENIUS Project: Minds-On in teaching Superconductivity and Electromagnetism,
  - EU HOU, SOCRATES COMENIUS Project: Hands-On Universe,
  - HIPST, EC FP7 Project: History and Philosophy in Science Teaching,
- Developing innovative, inquiry methods of teaching science at the elementary and secondary school levels,

- Planning and organising general Polish competitions on different actual topics as for example: *Radioactive Word*, *Fascinating Nature*, *ICT in Science Education*, *Science quartet*, *Fascinating Universe*, *Colours of nature*, *Radioactivity around us - profits and risks*".*Student's research projects*, etc.
- Publications (Bulletin of PAofST „*Science Teaching*”, 40 numbers so far) and many other books as: *"Ozone hole"*, *"Almost everything about water"*, *"Proposed curriculum - conservation and environmental management"*, *"The practice of integrating science"*, *"The interdisciplinary science projects"*, *"The stepping into science"*;
- Active participation in local educational events for children and youth, such as: *"Torun Festival of Science and Art"*, *"Birthday Anniversary of Nicolaus Copernicus"*, *"Shows of physical and chemical experiments for young people"*;
- management of **the website** <http://psnpp.org.pl/> where up to-date information useful for the professional practice of science teachers are published.

*Furthermore:*

- PAofST co-organised (together with the Education of Physics Laboratory of Nicolaus Copernicus University) the International Conference for Teachers on: "Science and Mathematics Teaching for the Information Society".
- PAofST in 2011-2013 will be a Partner in an EC Life long Learning EC Project on: "Storytelling@STM".