

## Alicja Wojtyna-Jodko

Alicja Wojtyna-Jodko is a founding member of the (Polish) Association of Teachers of Natural Sciences and Technology, SNPPiT, and now chairs the organisation, managing and coordinating most of its activities. After completing her physics studies at the University of Gdansk (PL), Mrs Wojtyna-Jodko taught physics and astronomy at the upper secondary school level, acted as a science tutor and as a consultant at the Institute of Physics at the Kazimierz Wielki University in Bydgoszcz (PL).

For over two decades, she has been extremely committed to achieving innovative developments in science and technology education at national and international levels. For example, from 1993 to 1997 she was a European representative of ICASE (International Council of Associations for Science Education). She has served as an expert in such events as the international forum on 'Scientific and Technological Literacy for All' (Project 2000+ held at the UNESCO Headquarters in Paris) and chaired the subgroup on 'Science and Technology Education for the Environment' in the Europe and North America Group. She also contributed her expertise to the European Symposium on 'Science and technology teacher training: what training for what type of teaching?', organised by the Council of Europe in Paris and was a member of the scientific committee of this Symposium, 'International UNESCO/ICASE workshop for teachers and also served as an expert at this event held at the University of Tartu, Estonia. She was on the panel of experts at the international OECD Conference on 'Innovations in Science, Mathematics and Technology Education' in , Vienna, Austria, the manager and coordinator of a seminar for school directors on 'Training in Management in Education' at the BZDZ, Bydgoszcz, Poland and participated as an expert at the '5th Conference Education-Industry Partnership' (CEFIC), in York, UK.

Mrs Wojtyna-Jodko is an active member of a number of science education societies and associations. These include: the Polish Physical Society (board member of the Bydgoszcz Section); the GIREP (International Research Group on Physics Teaching); Societas Scientiaris Bydgosciensis, Bydgoszcz, and the European Physical Society. She also had membership in the International Network for Information in Science and Technology Education (INISTE), UNESCO, and the Commission on Environmental Issues of the city of Bydgoszcz, PL.

She has organised 16 General Conferences of Teachers (in-service STEM teachers' training) and has published more than ten papers on science education within educational journals and international proceedings of conferences.

Alicja Wojtyna-Jodko is an author of a book "A new approach to science education for developing innovative thinking: How not to lose independently thinking pupils during formal school education", LAP LAMBERT Academic Publishing, Saarbrücken 2015.

