



Prof. dr hab. inż. Piotr Alawdin

Personal details

e-mail P.Aliawdin@ib.uz.zgora.pl

Education

- 1961-1966 MSc. in Industrial and Civil Engineering; Belarusian Polytechnic Institute
- 1966-1969 Doctor of Technical Sciences (Ph.D.); Belarusian Polytechnic Institute, Faculty of Civil Engineering.
- 1969-1974 Assistant Professor - structural mechanics and strength of materials; Civil Engineering Institute of Brest, Belarus.
- 1974-2000 Belarusian Polytechnic Institute (Belarusian State Polytechnic Academy from 1991, State Belarusian Technical University from 1995), Minsk, Belarus.
- 1993- Doctor Habilitate of Science in Structural Mechanics from Civil Engineering Institute of Moscow, Russia
- 1994- Full professor, Structural Mechanics, Belarus.
- 2000-2005 Polytechnic of Zielona Góra (University of Zielona Góra from 2001), Poland.
- 2005-2009 Polytechnic of Szczecin (West Pomeranian Technical University of Szczecin from 2008), Poland.
- 2009- University of Zielona Góra, Poland.

Employment history

- 1969-1974 Assistant, associated professor in the Civil Engineering Institute of Brest, Belarus.
- 1974-1993 Associated professor Belarusian Polytechnic Institute (Belarusian State Polytechnic Academy from 1991), Minsk, Belarus.
- 1993-2000 Professor, Belarusian State Polytechnic Academy, (State Belarusian Technical University from 1995), Minsk.
- 1997-2001 Senior research, Belarusian Research Institute for Construction "Institute BelNIIS".
- 2000-2005 Professor, University of Zielona Góra, Poland
- 2005-2009 Professor of the West Pomeranian Technical University of Szczecin, Poland.

- 2009- Professor of the University of Zielona Góra, Poland.

Scientific achievements

- Author or co-author of: 3 monograph (1990, 1993 i 2005) and 135 publications, link to the publications list:
http://publikacje.uz.zgora.pl:7777/skep/show.publications_author?wp_pracownik_id=1245&wp_jezyk=1
- Author or co-author of 15 design documentations
- Over 170 reviews, evaluations and opinions, four inventions, one utility model and one patent.
- Supervisor of 7 PhD thesis.

Additional achievements

- • In 1991 distinguished with Honored Inventor of the USSR.
- • In 2018 distinguished with the Golden Badge of Merit for Polish Society of Theoretical and Applied Mechanics.
- • European experience: Technical University of Weimar, University of Tessaloniki.

Membership of professional bodies

- • Member of the Belarusian Engineering Academy (2000-2009);
- • Chairman of the Department of Polish Society of Theoretical and Applied Mechanics of Zielona Góra (2010-2018);

Research interests

- • Mathematical modelling of structures;
- • Reliability of building and engineering structures interacting with the ground;
- • Optimization of mechanical and thermal processes;
- • Theory of limit states and shakedown of load-carrying systems;
- • Identification of design structures models;
- • Theory of self hardening load-carrying systems;
- • Analysis of structures under dynamic loads and seismic actions;