

Dr. hab. Przemysław Jacek Dereń



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Education

- * M.Sc. - 1982 Technical University Wrocław, Poland
- * Ph.D - 1991, Institute of Low Temperature and Structure Research, PAS
- * Habilitation - 2000, Institute of Low Temperature and Structure Research, PAS
- * Qualifying as assistant professor in Institute of Low Temperature and Structure Research of the Polish Academy of Sciences, PAS 2001

Actual research activity

- * Spectroscopy of Transition Metal elements and Rare Earth ions,
- * Non-linear phenomena in solids,
- * Rare Earth ions and Transition Metal ions doped sol-gel materials, photonic structures, nanomaterials, nanoceramics and crystals
- * Lasers in Medicine - diagnosis and treatment

Research stays

- * 1991 - 3 months Post-Doc in Bern University, Switzerland
- * 1992 - 9 months Post-Doc in CNRS Meudon, France
- * 1999 - 3 months, visiting Professor in Université Blaise Pascal, Clermont-Ferrand, France
- * 2001 - 3 months, visiting Professor in Université Blaise Pascal, Clermont-Ferrand, France
- * from 1994 - 2003 several short (two -three, four weeks) stays in Orsay, Lyon, Paris - France, Minsk - Belorussia, and Turku - Finland

Conferences

- * International Symposium on RARE EARTH SPECTROSCOPY 10-15.09.1984 Wrocław
- * Second International Conference - TRENDS IN QUANTUM ELECTRONICS, 2 - 6 September 1985, Bucharest, Romania
- * International Symposium on MOLECULAR LUMINESCENCE AND PHOTOPHYSICS 2-5.09.1986 Toruń
- * II Symposium on LASER TECHNOLOGY 7-10.08.1987 Szczecin
- * First International School on EXCITED STATES OF TRANSITION ELEMENTS 20-25.06.1988 Wrocław-Książ Castle
- * Winter Workshop on SPECTROSCOPY OF RARE EARTH SYSTEMS 25-28-03.1993 Karpacz
- * II National Conference on MOLECULAR SPECTROSCOPY 27-30.09.1993 Wrocław
- * 2nd International Conference on f-ELEMENTS 1-6.08.1994 Helsinki, Finland
- * Third International School EXCITED STATES OF TRANSITION ELEMENTS 30.08-5.09.1994 Kudowa Zdrój
- * International Conference LIGHT AND BIOLOGICAL SYSTEMS 3-6.07.1995 Wrocław
- * 5th International Workshop ELECTRONIC PROPERTIES OF METAL/NON-METAL MICROSYSTEMS 11-14.09.1995 Polanica Zdrój
- * IInd International Winter Workshop on SPECTROSCOPY AND STRUCTURE OF RARE EARTH SYSTEMS, SSRES'96, 25-29.03.1996 Polanica Zdrój
- * 10th International Conference on LUMINESCENCE AND OPTICAL SPECTROSCOPY OF CONDENSED MATTER, ICL'96, 18-23.08.1996 Praga
- * 2nd International Conference on TUNABLE SOLID STATE LASERS, TSSL'96 1-4.09.1996 Wrocław
- * 4th International School on EXCITED STATES OF TRANSITION ELEMENTS, ESTE '97 6-12.09.1997 Duszniki Zdrój
- * International Conference on f ELEMENTS 14-18.09.1997 Paris, France
- * IV National Conference on MOLECULAR SPECTROSCOPY with International Participation 28.09-01.10.1997 Wrocław - Polanica Zdroj
- * WORLD CERAMIC CONGRESS 14-19. 06.1998 Florence, Italy
- * THE JABŁOŃSKI CENTENNIAL CONFERENCE ON LUMINESCENCE AND PHOTOPHYSICS 23-27.07.1998 Toruń
- * The 2nd International Symposium on Laser, SCINTILLATOR AND NONLINEAR OPTICAL MATERIALS, Photonic Materials for 21st Century, May 28-31, 2000 Lyon, France
- * 4th International Conference on f-elements, ICFE4 Sept. 17-21 2000, Madrid, Spain

- * 5th International Conference on EXCITED STATES OF TRANSITION ELEMENTS, ESTE 2001 June 6-11, 2001 Wroclaw - Ladek Zdroj
- * International Conference on Luminescence and Optical Spectroscopy of Condensed Matter (ICL'02), August 24-29, 2002 Budapest, Hungary
- * International Workshop on Advanced Spectroscopy and Optical Materials, Gdańsk, Poland (2006)
- * 6th International Conference on f-elements, ICfe'06, Wrocław, Poland (2006)
- * Symposium on Photonics Technologies for Framework Programme 7 OPERA2015 (2006)

Prizes and scholarships

- * 1994 - 3 months scholarship in Institute of Nuclear Physics in Orsay, France
- * 1995 - 3 months scholarship in Institute of Nuclear Physics in Orsay, France
- * 1996 - 1997 - 4 months scholarship in Institute of Nuclear Physics in Orsay, France
- * III price in the competition organized by SEP. (Polish Electrician Society) for the best master thesis on electronics - 1982
- * Member of Organizig Committee: I, II, III i IV International School on Excited States of Transitions Elements, Poland (1988, 1991, 1994, 1997, 2001)
- * Member of Organizig Committee: I i II Winter Workshop on Spectroscopy of Rare Earth Elements, Poland (1993, 1999)
- * Secretary of 4th International School on Excited States of Transitions Elements, Poland 2001
- * Conference Secretary of Organizing Committee: 6th International Conference on f-elements, ICfe'06, Wrocław, Poland (2006)