Witold Daniel Dobrowolski

Biographical sketch

SURNAME: Dobrowolski
FIRST NAMES: Witold Daniel

Affiliation and official address: Institute of Physics, Polish Academy of Science,
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Home address : Brazylijska 11a/20
03-946 Warszawa , Poland

Date and place of birth: November 11, 1944, Kraków
Nationality: Polish

Education

M.Sc. in Physics 1969, University of Warsaw
Ph.D. in Physics 1976, Institute of Physics, Polish Academy of Sciences
Ph.D. Habilit. 1997, Institute of Physics, Polish Academy of Sciences
Professor – 2007 President of Poland

Career/Employment

1968-1970	employed in the Semiconductor Factory "TEWA"
1970-1973	Warsaw University, postgraduate student, Faculty of Physics
1973-1985	employed in the Warsaw University, Faculty of Pedagogy since 1977 Head of Laboratory
1985 - present	employed in Institute of Physics PAS 1991-2019 Head of Laboratory
2006 – 2019	Editor-in-chief of Acta Physica Polonica A

Special Appointment:

1980/1981	Visiting Scientist at Max Planck Institute, Hohfeld Magnetolabor, Grenoble

Specialization

(i)main field: Semimagnetic semiconductors - electronic and magnetic properties

(ii)other fields: Electronic transport phenomena, magneto and quantum transport
Narrow-gap semiconductors - band structure, impurity levels, transport phenomena in semiconductors.

(iii) Current research interest magnetic interactions in III-V, II-VI and IV-VI compounds (bulks, thin films and nanoparticles), mutual interactions between magnetic ions and free carriers

Honours, Awards, Fellowships, Membership of Professional Societies

Three scientific awards granted by Polish Academy of Sciences
Member of Polish Physical Society (1999-2000 Treasurer)
Gold Cross of Merit 1992 (President of Poland)
Knight's Cross of the Order of Polonia Restituta 2013 (President of Poland)
N.N.Semenov medal of A.M.Prokhorov Academy of Engineering Sciences - 2013.

Collaborations with Outside Institutions

Center for Solid State Physics & New Materials, Institute of Physics, Belgrade
http://www.phy.bg.ac.yu/

Chernovtsy Department of the Institute of Problems of Materials Science,
National Academy of Sciences of Ukraine
http://www.materials.kiev.ua/science/servlet/LangServlet?lang=2&referer=home.jsp

Laboratoire National des Champs Magnetiques Pulses Toulouse, France
http://www.lncmp.org/

Physics Department - College of Science - University of Notre Dame
http://physics.nd.edu/

Physics Faculty, Low Temperature Physics and Superconductivity Department, Moscow State University
http://mig.phys.msu.su/lt/workgroup/p08/

Kurnakov Institute of General and Inorganic Chemistry, Russian Academy of Sciences, Leninskii pr. 31, Moscow, 119991 Russia
http://www.igic-ras.ru/en/

Department of Applied Physics, Helsinki University of Technology, P.O. Box 1100, 02015 TKK, Espoo, Finland
http://tfy.tkk.fi/contact/

Publications:

About 250 journal publications

Books:

Landolt-Bornstein Numerical Data and Functional Relationships in Science and Technology-New Series,Editor-in-chief: W. Martienssen Group 3, Condensed Matter, Volume 44. Semiconductors

Supplementto III/17, III/22 and III/41, U. Rossler, Subvolume A. New Data and Updates for I-VII, III-V, III-VIand IV-VI Compounds, Springer 2008., T. Dietl, W. Dobrowolski, E. Fernandes da Silva, B. HonerlageB. K. Meyer, U. Rossler, T. Story

Landolt-Bornstein Numerical Data and Functional Relationships in Science and Technology-New Series,Editor-in-chief: W. Martienssen, Group 3 Condensed Matter Volume 44 Semiconductors Supplement to III/17, III/22 and III/41, U. Rossler, Subvolume B, New Data and Updates for II-VI Compounds, Springer 2008.Science Publishers B. V., Amsterdam, 2003, J. Chu, T. Dietl, J. Gutowski, B. K. Meyer, W. Dobrowolski, T. Story, K. Sebald, T. Voss

New Data and Updates for I-VII, III-V and II-VI Compounds, Volume 44, Subvolume D, Series: Landolt-Börnstein: Numerical Data and Functional Relationships in Science and Technology - New Series, Vol. 44D, Subseries: Condensed Matter, Set: Landolt-Börnstein Set 2011 , Silva, E.d., Dietl, W. Dobrowolski, T., Gutowski, J., Hönerlage, B., Matsukura, F., Meyer, B.K., Strauch, D.T. Story, Rössler, Ulrich (Ed.), 1st Edition., 2011

Diluted Magnetic Semiconductors, in K. H. J.Buschow, editor, Handbook of Magnetic Materials, vol. 7, chapter 4, pages 231-305, Elsevier Science Publishers B. V. , Amsterdam, 1993, J.Kossut and W.Dobrowolski

Properties of diluted magnetic semiconductors, in Narrow gap II-VI compounds for optoelectronic and electromagnetic applications, ed. by. Peter Capper, Chapman and Hall -London 1997, p. 401-429, J. Kossut and W. Dobrowolski

II-VI and IV-VI diluted magnetic semiconductors- new bulk materials and low dimensional quantum structures, in K. H. J.Buschow, editor, Handbook of Magnetic Materials, vol. 15, chapter 3, Elsevier Science Publishers B. V. , Amsterdam, 2003, W.Dobrowolski, J. Kossut, T.Story