CURRICULUM VITAE

Name: Stanisław JANECZKO
              Academic Career.

1978	MSc, Warsaw University.
1981	Degree: PhD. in Mathematics, Warsaw University of Technology.
1978-79	Tutor at the Department of Mathematical Physics, University of Warsaw.
1978-81	Senior Tutor in the Institute of Mathematics , Warsaw University of Technology.
1981-84	Lecturer in the Institute of Mathematics, Warsaw University of Technology.
1984	Research Fellow in the Department of Mathematics , Facultes Universitaires de Namur (Belgium)-6 months.
1985-86	Visiting research fellow in the Max-Planck-Institut für Mathematik, Bonn (West Germany)-1 year.
1986-87	Lecturer in the Institute of mathematics, Warsaw University of Technology. Since 1986 member of the A.M.S. and reviewer for the Math. reviews,
1988	Degree: Habilitation in Mathematics, Title of dissertation: The theory of singularities of Lagrangian varieties.
1988	Visiting professor in the Mathematics Institute, University of Warwick (England)-3 months, and in the Max-Planck-Institut für Mathematik, Bonn (West Germany)-3 months.
1989	Since 1989 docent in the Institute of Mathematics, Warsaw University of Technology.
1989	Visiting professor in the Department of Mathematics, Facultes Universitaires de Namur (Belgium)-4 months.
1992	Reviewer for Zentralblatt für Mathematik.
1990-91	Visiting professor in the Mathematics Department, University of California, Santa Cruz, USA-one year.
1992 -	Professor position in the Institute of Mathematics, Warsaw University of Technology and 1/2 docent position in Mathematics Institute, Polish Academy of Sciences.
1993	Visiting professor in the Department of Mathematics, University of Utrecht, Holland, (Commission of the European Communities Research Grant) - 3 months
1992-97	Member of the Banach Centre Scientific Council.
1992 -	Member of the London Mathematical Society.
1993-99	Dean of The Faculty of Applied Physics and Mathematics, Warsaw University of Technology.
1994 -	Head of the Department of Analysis and Singularity Theory in Warsaw University of Technology

1997	Title: Professor of Mathematical Sciences
1999 -	The Delegate of Rector of Warsaw University of Technology for Graduate and Advanced Studies.
2002 -	Director of the Institute of Mathematics Polish Academy of Sciences and Director of the Stefan Banach International Mathematical Center
2008 -	Director of the Center for Advanced Studies

Short visits and main conferences.

1981 & 1984	Two one-month visits in the Istituto di Fisica Mathematica "J.L. Lagrange", Univ. di Torino (Italy).
1983	Conference on Differential Geometry and Applications, Nove Mesto, (Czechoslovakia).
1983	Conference on Convergent Structures II, Schwerin (DDR).
1985	Visit to the R. Thom Seminar in I.H.E.S. Bures-Sur-Yvette (France).
1985	Semester on Singularity Theory, S. Banach Centre, Warsaw, (Poland).
1986	Arbeitstagung 26, Bonn (West Germany).
1987	One-month visit to the Department of Mathematics, University of Newcastle upon Tyne,(England).
1987	Two-months visit to the Department of Mathematics, Monash University, Melbourne (Australia).
1987	Visit to T.-C. Kuo Seminar in the Department of Mathematics, Sydney University, Sydney (Australia).
1989	Warwick Symposium on Singularity Theory and its Applications, one-month visit.
1991	3rd Tri-annual Joint Berkeley-Stanford-Santa Cruz Differential Geometry Conference - Spring Meeting.
1992	Workshop on Interfaces between Physics and Mathematics, Vienna, March 2-6.
1992	Two-weeks visit to the Faculty of Mathematical Studies University of Southampton, U.K.
1992	Workshop on Dynamical Systems, Kazimierz Dolny,16-20, December, Poland.
1993	Departement de Mathematiques, Facultes Universitaires de Namur, Research Grant - two months.
1993	Banach Center Symposium on Geometry in Nonlinear Control, Warsaw, May 31 - June 25.
1993	Banach Center Symposium on Singularities and Differential Equations (coorganisation). Warsaw, September 26 - November 6.
1994	SERC - Research Grant, Faculty of Mathematical Studies,

	University of Southampton, U.K. two months.
1995	Banach Center Symposium on Differential Geometry and Mathematical Physics,(coorganisation), Warsaw, April 18 - May 31.
1995	XIV Workshop on Geometric Mathods in Physics, Białowieża, Poland, July 9 - 15.
1995	6th International Conference on Differential Geometry and Applications, Brno, Czech Republic, 08.28-09.01.
1996	XV Workshop on Geometric Mathods in Physics, *Quantizations, Deformations and Coherent States*, Białowieża, Poland, July 1 - 7. (Member of the Scientific Adv. Committee)
1996	2nd European Congress of Mathematics, Budapest, July 22-26.
1996	Singularity Theory Conference, Terry Wall's Birthday Meeting, Liverpool, August 19-24.
1996	Symposium on Singularities, on the 70th birthday of Stanislaw Łojasiewicz, 24-29 September, Kraków.
1997	Tokyo-Sapporo Conference "Tour of Singularity", Tokyo-Sapporo 17-22 February.
1997	Topological and Variational Singularities Methods in Nonlinear Analysis, Gdańsk, September 15-20, (Member of the Scientific Committee).
1998	Banach Center Symposium on Geometry and Topology of Caustics, CAUSTICS'98,(coorganisation), Warsaw, June 15 - 27.
1998	Visit to the Valley Geometry Seminar, University of Massachusetts, Holyoke College, USA.
1999	Banach Center Symposium "Complex Methods in PDEs" Warsaw, 8-13 March.
1999	European Research Conference on "Geometry, Analysis and Mathematical Physics, Obernai, 4.06-9.06,1999, France
2000	Research visit to Isaac Newton Institute for Mathematical Sciences, Cambridge, 1 month
2000	Nato Advanced Study Institute: "New Developments in Singularity Theory", Cambridge, 24.07.-11.08.
2000	Seminar on Nonlinear Systems (R. Ribotta), Universite de Paris-Sud, Orsay, France, 23.11.-28.11.
2000	Conference "Singularity Theory and Applications to Geometry" Liverpool, England, 15-21.12.
2000	Workshop "Singularity Theory and applications to wave propagation and Dynamical Systems", Isaac Newton Institute, Cambridge, 22.09.-01.10.
2001	Research visit to Max-Planck-Institut für Mathematik, Bonn,8-15.02.
2001	Warwick Symposium on Geometric Mechanics and Symmetry, 08.12 - 14.12. 2001, Mathematical Research Center, Warwick.
2002	Research visits to Max-Planck-Institut für Mathematik, Bonn, 1 - 28.02. 2002 and 1 - 30.06.2002

2003	Research visits to University of Savoie at Chambery, France, 1 - 30.03. 2003 and 1 - 30.07.2003
2004	Real Analytic and Algebraic Geometry, Annual Meeting, Salamanca, Spain, 22 - 27.06.
2004	VIII Rencontre de Sao Carlos - Singularites Reelles et Complexes, Luminy, France, 19 - 23.07. 2004
2004	27.10. 7.11. 2004. Research visit to Weizmann Institute, Rehevot (Y. Yomdin Seminar), Technion, Haifa, Department of Mathematics,(M. Zhitomirski Seminar), Israel,
2004	16.05. - 24.05. 2004. Research visit to Centro di Ricerca Matematica Ennio De Giorgi, Pisa, Włochy.
2005	Real Algebraic and Analytic Geometry annual meeting, Passau, 5-9. 09, 2005, Germany.
2005	Research and conference visit, Singularities, CIRM, Luminy, France, 7.02.2005-25.02.
2005	Uniwersity of Sao Paulo at Sao Carlos, Brasil, 14.05. - 2.06.
2006	Conference on Differential Equations and Dynamical Systems, Suzdal, Russia, 10.07. - 15.07.
2006	Uniwersity of Sao Paulo at Sao Carlos, Brasil, 19.07. - 10.08.
2007	Technion, Haifa, Department of Mathematics, Israel, 4.05. - 10.05.
2007	SMS on Hamiltonian Dynamical Systems and applications, 18-28. 06. Montreal, Kanada.
2007	Arnold70, ANALYSIS and SINGULARITIES, Moscow, Russia, August 2024.
2008	A Conference in Algebraic Geometry HIRZ80 17-24.05. Bar Ilan Israel.
2008	10th International Workshop on Real and Complex Singularities, Sao Carlos, Brazil, 27.07. - 01.08.
2008	International Conference on Differential Equations and Dynamical Systems 27.06. - 02.07. Suzdal, Russia,
2008	Frobenius structures and singularity theory, Bedlewo, Poland 25-29.08.

Areas of interest.

Singularity theory of differentiable maps.
Singularity theory of Lagrangian varieties.
Singularity theory methods in physics: phase transitions,
mathematical theory of optics, bifurcations in stochastic
dynamical systems, control of static mechanical systems.
Canonical resolution of singularities of Lagrangian varieties,

classification of constrained Lagrangian varieties.
Singularities of symmetric Lagrangian varieties
and breaking of symmetry.
Singularities of caustics and wavefronts, reduction of functional
moduli in normal forms of Lagrangian submanifolds.
Canonical symplectic structures in invariant theory of binary forms.
Classification of singularities of isotropic varieties in
degenerated symplectic geometry.
Classification of diffractional isotropic submanifolds.
Singularities of systems of rays in sub-Riemannian geometry.
Generic properties of a general exponential maps.
Generic properties of ovals, measure of symmetry.
Singular symplectic spaces, singular phase spaces,
Classification of singularities of differential forms
Symplectic invariants of systems of surfaces.
Characteristic classes for isotropic varieties.
Cohomological invariants in discrete dynamical systems.
Product stratifications of Lagrangian Grassmannian, Geometry
and Topology of symplectic relations. Applications to nonconvex
billiards and equilibrium configurations in mathematical physics.
implicit differential equations - applications to control systems.
Symplectic bifurcations of curves and surfaces.