

# CURRICULUM VITAE

(Updated 19/2/2010)

METOD SANIGA

Astronomical Institute, Slovak Academy of Sciences

SK-059 60 Tatranská Lomnica

The Slovak Republic

(E-mail: msaniga@astro.sk – URL: <http://www.astro.sk/~msaniga>)

## BASIC PERSONAL DATA

Date of Birth: 28/10/1959

Place of Birth: Liptovské Revúce, Slovak Republic

Nationality: Slovak

Marital Status: Married

## EDUCATION

- Ph.D. in Theoretical Astrophysics, Astronomical Institute, Slovak Academy of Sciences, 1991
- M.S. in Classical and Relativistic Astrophysics (Summa Cum Laude), Charles University, Prague, 1983

## RESEARCH ACTIVITIES

- 2008–now: Finite Geometry and Black Holes
- 2003–now: Geometries and Algebras of Quantum (Information) Theory
- 1995–now: Algebra and Arithmetic of the Structure of Space-Time, Enigma of Time, Algebraic Geometry, Web Geometry, Enumerative Geometry, Psychopathology of Time and Space, ‘Altered’ States of Consciousness
- 1993–1994: Extragalactic Astrophysics
- 1988–1993: Solar Physics (Theory of Sunspots)
- 1984–1987: Gravitational Physics, Theory of Magnetic Monopole, Projective Geometry

## VISITING SCHOLAR

(*PERIOD/HOST SCIENTIST/RESEARCH TOPIC*)

- Institute for Discrete Mathematics and Geometry, Vienna University of Technology, Vienna, **Austria**  
(*November 24 – December 3, 2009/Prof. Hans Havlicek/Hughes Planes, Unitals and Black-Hole Analogy*)
- Center for Interdisciplinary Research (ZiF), Bielefeld University, Bielefeld, **Germany**  
(*July 31 – October 31, 2009/Co-Chairing the ZiF CG on “Finite Projective Ring Geometries: An Intriguing Emerging Link Between Quantum Information Theory, Black-Hole Physics, and Chemistry of Coupling”*)
- Institut de Physique Nucléaire de Lyon, Lyon–Villeurbanne, **France**  
(*June 10 – 14, 2009/Prof. M. Kibler/Groups, Discrete Geometry and Quantum Information*)
- Institute for Discrete Mathematics and Geometry, Vienna University of Technology, Vienna, **Austria**  
(*March 24 – April 2, 2009/Prof. Hans Havlicek/Group-Induced Polar Spaces, Qudits and Möbius Tetrahedra*)
- J. Heyrovský Institute of Physical Chemistry, AVČR, Prague, **Czech Republic**  
(*November 24 – 29, 2008/Dr. Petr Prajna/Near-Hexagons, Aronhold Sets, Steiner Complexes and 3-Qubits*)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(*September 1 – 21, 2008/Dr. M. Planat/Multi-qubits, Biplanes, Hyperplanes of a Split Cayley Hexagon*)
- Institute for Discrete Mathematics and Geometry, Vienna University of Technology, Vienna, **Austria**  
(*March 10 – 14, 2008/Prof. Hans Havlicek/Projective Geometries over (Near-)Rings*)
- J. Heyrovský Institute of Physical Chemistry, AVČR, Prague, **Czech Republic**  
(*February 18 – 23, 2008/Dr. Petr Prajna/Geometries Over (Near-)Rings and Hierarchical Universe*)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(*November 11 – December 1, 2007/Dr. M. Planat/Free Cyclic Submodules and Quantum Theory*)
- Institute for Discrete Mathematics and Geometry, Vienna University of Technology, Vienna, **Austria**  
(*October 15 – 19, 2007/Prof. Hans Havlicek/Free Cyclic Submodules over Finite Rings*)
- J. Heyrovský Institute of Physical Chemistry, AVČR, Prague, **Czech Republic**  
(*September 17 – 29, 2007/Dr. Petr Prajna/Fine Structure of Projective Ring Lines*)
- Institute for Discrete Mathematics and Geometry, Vienna University of Technology, Vienna, **Austria**  
(*July 5, 2007/Prof. Hans Havlicek/Platonic Solids, Synthème-Duad Geometries & Group Automorphisms*)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(*May 6 – June 15, 2007/Dr. M. Planat/Finite Geometries, Platonic Solids and Outer Automorphisms*)

- Institute for Discrete Mathematics and Geometry, Vienna University of Technology, Vienna, **Austria**  
(February 19 – 22, 2007/Prof. Hans Havlicek/Finite Geometries and Hilbert Spaces)
- J. Heyrovský Institute of Physical Chemistry, AVČR, Prague, **Czech Republic**  
(January 22 – 27, 2007/Dr. Petr Prajna/Combinatorics of Finite Geometries and Fundamental Physics)
- Institute for Discrete Mathematics and Geometry, Vienna University of Technology, Vienna, **Austria**  
(December 19, 2006/Prof. Hans Havlicek/Projective Lines over Jordan Systems)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(November 19 – December 1, 2006/Dr. M. Planat/Geometries Behind Two-Qubits' Observables)
- J. Heyrovský Institute of Physical Chemistry, AVČR, Prague, **Czech Republic**  
(September 18 – 29, 2006/Dr. Petr Prajna/Projective Ring Geometries in Physics)
- Institut de Physique Nucléaire de Lyon, Lyon-Villeurbanne, **France**  
(April 18 – 28, 2006/Prof. M. Kibler/Projective Geometries over Finite Rings and Quantum Theory)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(April 3 – June 2, 2006/Dr. M. Planat/Projective Geometries over Finite Rings and Quantum Theory)
- Department of Philosophy of Science, University of Vienna, Vienna, **Austria**  
(December 5 – 8, 2005/Dr. A. Batthyány/Time in Cognitive Sciences and Ring Geometries)
- Centro Interuniversitario di Ricerca per le Neuroscienze, Naples University “Federico II”, Naples, **Italy**  
(September 25 – October 15, 2005/Prof. A. Giuditta/Time in Neurosciences)
- Dipartimento di Matematica, Politecnico di Torino, Turin, **Italy**  
(September 18 – 25, 2005/Dr. G. Casnati/Cremona Transformations)
- School of Mathematics and System Engineering, Växjö University, Växjö, **Sweden**  
(August 9 – September 1, 2005/Prof. A. Khrennikov/Geometries over Rings and Quantum Prespace)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(April 30 – May 21, 2005/Dr. M. Planat/Finite Quantum Geometries)
- J. Heyrovský Institute of Physical Chemistry, AVČR, Prague, **Czech Republic**  
(April 10 – 12, 2005/Dr. Petr Prajna/Projective Ring Geometries in Physics)
- Center for Interdisciplinary Research (ZiF), Bielefeld University, Bielefeld, **Germany**  
(January 16 – 23, 2005/Chairing an International Interdisciplinary ZiF Workshop)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(September 1 – December 31, 2004/Dr. M. Planat/Finite Quantum Geometries)
- Unit of Interdisciplinary Studies, Bar-Ilan University, Ramat-Gan, **Israel**  
(May 31 – June 15, 2004/Dr. A. Elitzur/Nature of Time)
- Institute FEMTO-ST, Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(March 16 – April 2, 2004/Dr. M. Planat/MUBs and Finite Projective Planes)
- Department for Philosophy of Science and Social Studies of Science, University of Vienna, Vienna, **Austria**  
(January 6 – 8, 2004/Dr. A. Batthyány/Non-Ordinary Forms of Time Dimension)
- Faculty of Biology, Moscow State University, Moscow, **Russia**  
(December 5 – 10, 2003/Dr. A.P. Levich/Non-Ordinary Experiences of Time and Algebraic Geometry)
- Center for Theoretical Study, Prague, **Czech Republic**  
(November 9 – 14, 2003/Prof. I. Havel/Time as an Intrinsic Dimension of Mind)
- Istituto di Astrofisica Spaziale e Fisica Cosmica del CNR, Sezione di Palermo, Palermo, **Italy**  
(September 15 – October 2, 2003/Dr. R. Buccheri/Nature of Time)
- Laboratoire de Physique et Métrologie des Oscillateurs (CNRS), Besançon, **France**  
(May 1 – 8, 2003/Dr. M. Planat/Algebraic Geometry and Time Behaviour of Oscillators)
- L'École des Hautes Études en Sciences Sociales, Paris, **France**  
(April 27 – 30, 2003/Prof. L. Boi/Geometry of Psycho(patho)logical Time)
- Institut für Grenzgebiete der Psychologie und Psychohygiene, Freiburg, **Germany**  
(April 6 – 26, 2003/Dr. H. Atmanspacher/Geometry of Psycho(patho)logical Time)
- Istituto di Astrofisica Spaziale e Fisica Cosmica del CNR, Sezione di Palermo, Palermo, **Italy**  
(December 2 – 18, 2002/Dr. R. Buccheri/Nature of Time)
- International Solvay Institutes for Physics & Chemistry, ULB, Brussels, **Belgium**  
(November 1, 2001 – October 31, 2002/Prof. Ilya Prigogine/Algebraic Structure of Space-Time)
- Institut für Grenzgebiete der Psychologie und Psychohygiene, Freiburg, **Germany**  
(August 20 – 23, 2002/Dr. H. Atmanspacher/Geometry of Psycho(patho)logical Time)
- Istituto di Fisica Cosmica con Applicazioni all'Informatica (IFCAI), CNR, Palermo, **Italy**  
(September 17 – October 4, 2001/Dr. R. Buccheri/Nature of Time)
- Department of Physics, Elizabethtown College, Elizabethtown (PA), **U. S. A.**  
(May 31 – June 24, 2001/Prof. W. M. Stuckey/Pregeometric & Cremonian View of Space-Time)

- Konkoly Observatory, Hungarian Academy of Sciences, Budapest, **Hungary**  
(December 6 – 20, 2000/Dr. A. Grandpierre/Scalar Waves & Projective Geometry)
- Lawrence Berkeley National Laboratory, Berkeley (CA), **U. S. A.**  
(August 28, 2000/Prof. T. E. Nordahl/Psychopathology of Time)
- Physics Laboratory, Noetic Advanced Studies Institute, Oakland (CA), **U. S. A.**  
(August 18 – September 20, 2000/Prof. R. L. Amoroso/Cremona Transformations, Weighted Projective Spaces and the Nature of Time)
- Department of Physics, Elizabethtown College, Elizabethtown (PA), **U. S. A.**  
(March 11 – June 3, 1999/Prof. W. M. Stuckey/Fine Structure of Psycho(patho)logical Space-Times)
- Department of Mathematics, Iowa State University, Ames, **U. S. A.**  
(October 27 – November 14, 1998/Prof. J. D. H. Smith/Geometry of Psychological Space-Times)
- Department of Physics, Elizabethtown College, Elizabethtown (PA), **U. S. A.**  
(October 20 – 24, 1998/Prof. W. M. Stuckey/Group-Algebraic Structure of Space-Time)
- Istituto di Fisica Cosmica con Applicazioni all' Informatica (IFCAI), CNR, Palermo, **Italy**  
(February 25 – June 25, 1998/Dr. R. Buccheri/Psychopathology of Time and Space & Algebraic Geometry)
- International Institute of Theoretical and Applied Physics, Iowa State University, Ames, **U. S. A.**  
(May 16 – July 5, 1997/Prof. J. D. H. Smith/Arrow of Time and Web Geometry)
- Department of Mathematics, The University of Arizona, Tucson, **U. S. A.**  
(April 15 – May 15, 1997/Prof. C. L. DeVito/Arrow of Time and Pencils of Conics)
- Astrophysikalisches Institut Potsdam, Potsdam, **Germany**  
(February 10 – 25, 1997/Prof. D.-E. Liescher/Arrow of Time: Physics vs Projective Geometry)
- Consiglio Nazionale delle Ricerche, Area della Ricerca di Palermo, Palermo, **Italy**  
(November 24 – 27, 1996/Dr. R. Buccheri/Arrow of Time and Pencil-Generated Spacetimes)
- Università degli Studi di “Roma Tre,” Rome, **Italy**  
(November 7 – 23, 1996/Dr. M. Storini/Solar Physics)
- Tokyo Institute of Technology, Tokyo, **Japan**  
(May 21, 1996/Prof. A. Hosoya/Arrow of Time)
- Yukawa Institute for Theoretical Physics, Kyoto University, Kyoto, **Japan**  
(May 8 – 11, 1996/Prof. H. Kodama/Arrow of Time)
- Cosmology and Gravitation Laboratory, Department of Physics, Nagoya University, Nagoya, **Japan**  
(April 24 – 27, 1996/Prof. A. Tomimatsu/Arrow of Time)
- Research Center for the Early Universe, The University of Tokyo, Tokyo, **Japan**  
(March 21 – May 30, 1996/Prof. K. Sato/Arrow of Time and Galois Geometries)
- Astronomical Institute of the Academy of Sciences of the Czech Republic, Ondřejov, **Czech Republic**  
(February 1 – 29, 1996/Dr. M. Karlický/Arrow of Time and Pencils of Conics)
- Cosmic Ray Section, IFSI/CNR, La Sapienza University, Rome, **Italy**  
(October 3 – 19, 1994/Dr. M. Storini/Solar Physics)
- Mathematical Institute, The University of St. Andrews, St. Andrews, **U. K.**  
(September 1 – October 6, 1990/Prof. E. R. Priest/Solar Physics)

## INVITED LECTURES

### *(CONFERENCE/SITE/DATES)*

- From Pauli Groups to Stringy Black Holes: Part II - Generalized Polygons, Geometric Hyperplanes and Some Distinguished Graphs  
(ZiF Cooperation Group on Finite Projective Ring Geometries/Bielefeld (Germany)/August 28, 2009)
- From Pauli Groups to Stringy Black Holes: Part I – Projective (Near)Ring Lines  
(ZiF Cooperation Group on Finite Projective Ring Geometries/Bielefeld (Germany)/August 27, 2009)
- GQ(2,4), Split Cayley Hexagon of Order Two and Black Hole Entropy Formulas (with P. Lévy, P. Vrana and P. Pracna) (Groups, Discrete Geometry and Quantum Information/Lyon (France)/June 11, 2009)
- A Fine Structure of Finite Projective Ring Lines (with H. Havlicek, M. Planat and P. Pracna)  
(Prolegomena for Quantum Computing/Besançon (France)/November 21 – 22, 2007)
- The N-Qudit Fabric: Pauli Graph and Finite Geometries (with M. Planat)  
(10th ICSSUR/Bradford (U.K.)/March 31 – April 4, 2007)
- A Geometrical Chart of Altered Temporality (and Spatiality)  
(Endophysics, Time, Quantum and the Subjective/Bielefeld (Germany)/January 17–22, 2005)
- The Psychopathology of Time and its Algebraic Geometrical Patterns  
(Russian Interdisciplinary Temporology Seminar/Moscow (Russia)/December 9, 2003)

- Psychological Time: Its Pathology and Geometry  
(*Le Temps Multiple/Paris (France)/April 30, 2003*)
- Geometry of Psychological Time: ‘Altered’ States of Consciousness and Philosophy of Endo-Physical Paradigm  
(with R. Buccheri)  
(*Medicine & Philosophy in the Ancient Greek Tradition & Our Times/Pyrgos (Greece)/August 4–10, 2002*)
- Geometry of Time and Dimensionality of Space  
(*The Nature of Time: Geometry, Physics and Perception (NATO ARW)/Tatranská Lomnica (Slovak Republic)/May 21–24, 2002*)
- Geometry of Psychological Time  
(*The Direction of Time: The Role of Reversibility/Irreversibility in the Study of Nature/Bielefeld (Germany)/January 14–18, 2002*)
- Homaloidal Webs, Space Cremona Transformations and the Dimensionality and Signature of Macro-Spacetime  
(*Gravitation and Cosmology: From the Hubble Radius to the Planck Scale/Berkeley/August 21–25, 2000*)
- Algebraic Geometry: A Tool for Resolving the Enigma of Time?  
(*Studies on the Structure of Time: From Physics to Psycho(patho)logy/Palermo (Italy)/November 23–24, 1999*)
- Conics and the Many Facets of Time  
(*Fundamental Principles of Cosmology: The Foundations of a Conscious Universe/Fairfax (U. S. A.)/October 14–16, 1999*)
- On Temporal Dimensions Generated by Pencils of Conics  
(*Modern Mathematical Models of Time and Their Applications/Tucson (U.S.A.)/April 11–13, 1996*)

## AWARDS & FELLOWSHIPS

- A Slovak–Austrian Science and Technology Cooperation Research Project “Finite (Ring) Geometries: Where Qudits Meet Black Holes” (SK-AT-0001-08): Project Partner, 2009–2010  
*Collaborators: H. Havlicek and B. Odehnal (Vienna, Austria)*
- A ZiF Cooperation Group “Finite Projective Ring Geometries: An Intriguing Emerging Link Between Quantum Information Theory, Black-Hole Physics and Chemistry of Coupling”: Co-Organizer, 2009  
*Collaborators: A. Blunck (Hamburg), H. Havlicek (Vienna; Principal Organizer), P. Lévay (Budapest), M. Planat(Besançon) and P. Pracna (Prague)*
- An (Action Austria–Slovakia) Research Project “Finite Geometries Behind Hilbert Spaces” (No. 58s2): Project Partner, 2007–2008  
*Collaborator: H. Havlicek (Vienna, Austria)*
- A CNRS-SAV Project “Projective and Related Ring Geometries for Quantum Information”  
Project Coordinator, 2007–2008  
*Collaborators: M. Planat and A.-C. Baboin (Besançon), M. Kibler and O. Albouy (Lyon)*
- An ECO-NET Project “Geometries Over Finite Rings and the Properties of Mutually Unbiased Bases” (No. 12651NJ): Team Member, 2006–2007  
*Collaborators: M. Planat, M. Kibler, O. Albouy, A.-C. Baboin (France), and P. Pracna (Czech Republic)*
- A ZiF IRW “Endophysics, Time, Quantum and the Subjective” ((AG)205-2/2005): Principal Organizer  
*January 17–22, 2005, Bielefeld, Germany*
- A “Séjour Scientifique de Haut Niveau” Fellowship in Theoretical Physics (No. 41/41/231428), 2004  
*Laboratoire de Physique et Métrologie des Oscillateurs, Besançon, France*
- A NATO ARW “The Nature of Time: Geometry, Physics & Perception” (PST.ARW.978142): Co-Director  
*May 21–24, 2002, Tatranská Lomnica, Slovak Republic*
- A NATO Advanced Research Fellowship in Theoretical Physics, 2001–2002  
*International Solvay Institutes for Physics & Chemistry, Brussels, Belgium*
- A Joint CNR-SAV Research Project in Physics, 2001–2003  
*Collaborator: R. Buccheri, IFCAI, Palermo, Italy*
- A NATO CLG “Structure of Time & Quantum Computing” (PST.CLG.967850): PC Coordinator, 2000–2002  
*Collaborators: R. Buccheri, V. Di Gesù (Italy), G. Jaroszkiewicz (U.K.), W. M. Stuckey (U.S.A.)*
- A NATO/CNR Senior Guest Fellowship in Physics, 1998  
*Institute of Cosmic Physics & Applications, Consiglio Nazionale delle Ricerche, Palermo, Italy*
- An IITAP/UNESCO Visiting Scientist Fellowship, 1997  
*International Institute of Theoretical & Applied Physics, Iowa State University, Ames, U.S.A.*
- A JSPS Fellowship for Priority-Area Research in Japan, 1996  
*Research Center for the Early Universe, The University of Tokyo, Tokyo, Japan*
- A Chancellor’s Award for Excellent Study Results, Charles University, Prague, 1983

## MEMBERSHIP

### a) Societies

- American Institute of Physics/AIP UniPHY (since 2009)
- Center for Frontier Sciences, Temple University (Advisory Board Member; since 2005)
- International Symmetry Association (since 2003)
- California Alumni Association (2000/2001)
- International Society for the Study of Time (1997–2002)
- International Astronomical Union (since 1994)
- Slovak Astronomical Society (since 1993)

### b) Editorial Boards

- Frontier Perspectives (since 2005)
- Symmetry: Culture and Science (Advisory Board Member; since 2003)

### c) Scientific Organizing Committees(Conference/Site/Dates)

- Symmetry Festival: Symmetry in the History of Science, Art, Technology and Medicine/Budapest (Hungary)/July 31 – August 4, 2009
- Astronomy and Civilization/Budapest (Hungary)/August 10–13, 2009
- Finite Projective Geometries in Quantum Theory/Tatranská Lomnica (Slovak Republic)/August 1–4, 2007 (Chair)
- Symmetry Festival: Symmetry in Art and Science Education/Budapest (Hungary)/August 12–18, 2006
- Endophysics, Time, Quantum and the Subjective/Bielefeld (Germany)/January 17–22, 2005 (Chair)
- Symmetry Festival: Where Science Meets Art/Budapest (Hungary)/August 16–22, 2003
- The Nature of Time: Geometry, Physics and Perception (NATO ARW)/Tatranská Lomnica (Slovak Republic)/May 21–24, 2002 (Co-Director)
- Studies on the Structure of Time: From Physics to Psycho(patho)logy/Palermo (Italy)/November 23–24, 1999 (Co-Director)

## REFEREE/REVIEWER

### a) Journals

- Astrophysics and Space Science
- Chaos, Solitons and Fractals
- Foundations of Physics
- Journal of Physics A: Mathematical and Theoretical
- Indagationes Mathematicae
- European Physical Journal D

### b) Foundations/Grant Agencies

- European Science Foundation
- Human Frontier Science Program
- Grant Agency of the Academy of Sciences of the Czech Republic
- Mathematical Reviews/MathSciNet

### c) Ph. D. Theses

- Diego Meschini (2007, University of Jyväskylä, Jyväskylä, Finland)
- Olivier Albouy (2009, Université de Lyon/Institut de Physique Nucléaire de Lyon, F-69622, Lyon, France)

## RECENT BOOKS EDITED

- (with R. Buccheri and A.C. Elitzur): “Endophysics, Time, Quantum and the Subjective”  
World Scientific Publishing Co., Singapore, 2005 (ISBN 981-256-509-4 (hardcover))
- (with R. Buccheri and W. M. Stuckey): “The Nature of Time: Geometry, Physics & Perception”  
NATO Science Series II: Volume 95, Kluwer Academic Publishers, Dordrecht–Boston–London, 2003  
(ISBN 1-4020-1200-4 (hardcover))
- (with R. Buccheri and V. Di Gesù): “Studies on the Structure of Time: From Physics to Psycho(patho)logy”  
Kluwer Academic/Plenum Publishers, New York, 2000 (ISBN 0-306-46439-X (hardcover))

## INTERVIEWS

- October 14, 2009: co-interviewed by Manuela Lenzen from the Center for Interdisciplinary Research (ZiF), University of Bielefeld, Bielefeld (Germany);

- Finite Projective Ring Geometries* (in German) appeared in the 1/2010 issue of the “ZiF Mitteilungen”
- February 23, 2007: interviewed by Sam Taplin from the TV company Pioneer Productions (U.K.), for a science documentary on sunspots for the National Geographic Channel
  - October 7, 2005: interviewed by Amedeo Pisanti from COINOR, Naples University, Naples (Italy); *La Mente, un Universo Classificabile* appeared on-line on October 11, 2005, on [http://www.news.unina.it/dettagli\\_area.jsp?area=IN%20ATENEO&ID=2019](http://www.news.unina.it/dettagli_area.jsp?area=IN%20ATENEO&ID=2019)
  - October 5, 2005: interviewed by Vincenzo Napolano for the “Il Denaro” newspaper (Italy); *Geometria e Algebra della Mente* appeared in the October 8, 2005, issue of the newspaper, page 69, and is also available on [http://www.denaro.it/go/a/\\_articolo.qws?recID=216221&kwds=saniga&mod=AD](http://www.denaro.it/go/a/_articolo.qws?recID=216221&kwds=saniga&mod=AD)
  - June 30, 2005: interviewed by Andy Pag for the BBC Television (U.K.), a science programme on the perception/experience of time
  - February 9, 2004: interviewed by Ian Simmons for the “Nth Position” magazine (U.K.); *King of Infinite Space* appeared on April 17, 2004, and is available on <http://www.nthposition.com/-kingofinfinite.php>
  - October 29, 2003: interviewed by Stephen Battersby for the “New Scientist” magazine (U.K.); *Einstein on Acid* appeared in the December 20/27, 2003 – January 3, 2004 issue of the magazine, pp. 40–43, and is also available on <http://www.newscientist.com/article.ns?id=mg18024265.400>
  - August 28, 2003: interviewed by Paul Bernstein for “Vital Signs,” the IANDS newsletter (U.S.A.); *Physicist Uses NDEs to Clarify the Nature of Time* appeared in the Vol. 22, No. 1 issue of the newsletter
  - June 24, 2002: interviewed by Sanjida O’Connell for “The Times” (U.K.); *When Time Stands Still* appeared in the July 8, 2002, issue of the newspaper and is also available on <http://www.timesonline.co.uk/article/0,,7-349827,00.html>
  - May 17, 2002: interviewed by Mark. K. Anderson for the “Wired News” (U.S.A.); *Anybody Really Know What Time Is?* appeared on May 23, 2002, and is available on <http://www.wired.com/news/technology/0,1282,52703,00.html>
  - November 23, 1999: an interview given for Italian newspaper “Giornale di Sicilia” concerning an international interdisciplinary workshop “Studies on the Structure of Time: from Physics to Psycho(patho)logy,” held in Palermo, November 23–24, 1999
  - May 8, 1998: an interview given for a Vatican TV company “SAT 2000” concerning my talk at the conference “Scienza e Trascendenza,” Rome, May 8, 1998

## LANGUAGES

- English: fluent
  - *First Certificate in English* (Cambridge University, June 1994)
  - *Certificate in Advanced English* (Cambridge University, December 1995)
- Russian: spoken – good, written – very good
- German, French & Italian: written – limited working knowledge

## LIST OF PUBLICATIONS

Available as a separate (nine-page-long) document

## LIST OF TALKS/LECTURES/POSTERS

Available as a separate (seven-page-long) document