

Notes on Contributors

Liu BING, born 1958 in Beijing, China. Graduated from Peking University in 1982 (B.Sc.), from Graduate School of Chinese Academy of Sciences in 1985 (MSc). Presently he is a professor of history of science in Tsinghua University, vice-director of Center for Science Communication and Popularization of CAST and Tsinghua University, and Guest Professor at some universities in China, such as Shanghai Jiaotong University, etc. He is a member of the Board of Standing Committee of Chinese Association of History of Science, teaching and researching fields include history of science, philosophy of science and technology, and communication of science. Publications included more than 20 books, such as *The Brief History of Superconductivity*, *Science Viewed by Clio: an Introduction of Historiography of Science*, and about 150 historical and philosophical papers.

Maria DE LA PAZ RAMOS LARA, born in Mexico City. Graduated in Physics and MSc in Physical Sciences. She achieved a *PhD* in History of Sciences at the National Autonomous University of Mexico (NAUM). She is a full time researcher at Interdisciplinary Research Center in Sciences and Humanities. She has published more than 15 science papers, three of them in English. Among other articles, she is the author of *Difusión e Institucionalización de la mecánica newtoniana en México en el siglo XVIII* (1994). She has edited a few very interesting books in the history of classical and modern physics, as follows: *La Mecánica cuántica en México* (2003); *La experiencia mexicana en aceleradores de partículas* (2004); *Navegante sin Fronteras. Homenaje a Luis de la Peña* (2006); *La Relatividad en México* (in press).

Kristian HENGSTER-MOVRIĆ, born 1986 in Zagreb, Croatia. Graduated from mathematical high school “XV. Gimnazija” in Zagreb. He is studying at the University of Zagreb, Faculty of Electrical Engineering and Computing, field of automatics. Young enthusiastic student especially focused on modern classical and particle physics, and philosophy of science.

Mirko JAKIĆ, born 1954 in Sinj, Croatia. Graduated in 1977 in philosophy from the Faculty of philosophy of the University of Zadar, and in Croatian language and Slavonic literature from the same University. He achieved a *MSc* in philosophy of science in 1985 from the Faculty of Natural Sciences and Mathematics of the University of Zagreb (Thesis: “Contemporary understanding of science and technology”). In 1989 he achieved a *PhD* in philosophy from the Faculty of philosophy of the University of Ljubljana (Thesis: “Hilary Putnam’s philosophy of mathematics”). He is acting as a full professor of philosophy, head of the Department of Philosophy, and vice-chancellor of the University of Zadar. He was the head of the following scientific projects (1991–2006) titled: “Apriorism in mathematics and logic”, “Science and information flux”, “Epistemic and ontological aspect of contemporary symbolic logic”. Presently he is acting the head of scientific project titled: “The use of deductive logic in various semantic systems”. He has published the following books: *The Philosophy on Science*, *Scientific Realism in Hilary Putnam’s Philosophy*, and he is the author of the text-books of contemporary symbolic logic. Author of more than 20 scientific papers. The last four articles are published under the titles: *Has logic any ontology?*, *Do computers confirm the thesis of ontological foundation of logic?*, *Conjectures and metalogical rules*, *Critique of Immanuel Kant’s criticism*. Member of the Croatian Philosophy Association and member of the American Philosophy Association. Some more information about the author and some of his articles are available on the website: <http://www.unizd.hr>.

Maja LOVRENOV born 1979 in Slovenia. In 2004, she graduated in philosophy from the University of Ljubljana with the graduate thesis *The Philosophy of Mathematics of Ernst Cassirer*. She is currently a *PhD* student in the philosophy of mathematics at the Faculty of Arts and a graduate student in mathematics at the Faculty of Mathematics and Physics in Ljubljana.

Tomislav PETKOVIĆ, born in 1951 in Šibenik, Croatia. Graduated 1974 in electronics from the Faculty of Electrical Engineering and Computing of the University of Zagreb, and in philosophy and sociology 1976 from the Faculty of Philosophy of the same University. He achieved *MSc* in Nuclear Instrumentation in 1977 and *PhD* in Experimental Nuclear Physics in 1986 by an international board, both in the University of Zagreb. He is a full professor of physics and presently head of the Department of Applied Physics of the Faculty of Electrical Engineering and Computing of the University of Zagreb. From 1982 on he has been engaged as a visiting physicist at the Paul Scherrer Institute (Switzerland), BNL Accelerator Centre and Jefferson Laboratory TJNAF (USA), and also as a visiting professor at the Department of Physics of East Carolina University in Greenville (USA). He has published six books, among them: *Modern Experimental Physics and the Theory of Knowledge* (1990, in Croatian), *Experimental Physics and Theory of Knowledge* (2005, with Meaning of Acronyms and Glossary, chapter summaries in Croatian and English), *Introduction to modern cosmology and philosophy* (2001, rev. ed. 2002, enlarged ed. 2006; in Croatian, partly in English), and a co-author of two university text-books for the Faculty of Electrical Engineering and Computing and/or the Faculty of Food and Technology. Co-author or author of more than 70 science papers (Pion, Muon, and Kaon Physics, and Spectroscopy of Lambda-Hypernuclei; Nuclear Spectrometry; Philosophy and History of Science) of which more than 40 published in the *CC Journals*. Author or co-author of more than 120 contributions in the *Supplements of Journals and the Conference Proceedings*. Member of the Croatian Physics Society, Croatian Philosophical Society, European Nuclear Society, European Few-Body Research Committee, International Association on the History of Science and Cultural Diversity (IASCU). He was awarded the Prize of the City of Zagreb for physics and philosophy in 1999, and Annual Award *Dr. Oton Kučera* for 2002, for promotion of technical culture.

Ivica PIČEK, was awarded a doctor's degree in theoretical physics in 1980 from the Faculty of Natural Sciences and Mathematics of the University of Zagreb, when he became a Research Fellow at the Ruder Bošković Institute. In the period 1981 – 1983 he was a Research Fellow at the Niels Bohr Institute in Copenhagen, in years 1986 and 1988 he was Alexander von Humboldt Fellow at the Deutsches Elektronen-Synchrotron, DESY, in Hamburg, and in 1990 the Scientific Associate at the Theory Division of CERN in Geneva. From 1992 on he has been employed as a full professor at the University of Zagreb, where he is presently a head of the Theoretical Physics Department. He has published around eighty scientific papers dealing with the dynamics of elementary particles and forces. He teaches the physics of elementary particles and physical cosmology, and supervises a research seminar with a particular interest in the connection of the physics of particles and cosmology. He is the author of the following two books, the latter of which is a university text-book: *Elementarne čestice – iskrenje u svemiru tamne tvari* (Elementary Particles – Sparkle in the Universe of Dark Matter, »Modern Physics« Library, Školska knjiga, 1997) and *Fizika elementarnih čestica* (Physics of Elementary Particles). He was the winner of the Croatian state award in the field of natural sciences for 2003. Some more information is available on his homepage: <http://www.phy.hr/~picek/>

Eugene E. RYAN, was born on 27 November 1926 in Chicago, Illinois; died on 18 January 2006 in Greenville, North Carolina, USA. An American philosopher and scholar recognized due to his deep researches in the fields of the Greek, Renaissance, and Croatian philosophy. He achieved a doctor's degree in philosophy in 1962 from Gregoriana University in Rome by the thesis *The Notion of the Good in Books Alpha, Beta, Gamma and Delta of the Metaphysics of Aristotle*. He has completed his post-doctoral studies at Oxford University, England. He has been firstly a full professor at Marshall University, Huntington, West Virginia, and later at East Carolina University (ECU), Greenville, North Carolina. During his university career he has served as the

Chair of the Department of Philosophy (1979 – 1983) of “Thomas Harriot College of Arts and Sciences” of the ECU Campus in Greenville, to be a Dean for the longer period (1984 – 1990) of the same faculty. He has published over the 20 original papers in the journals of history of philosophy and philosophy of science (*Rinascimento*, *Journal of Critical Analysis*, *Argumentation*, including also the Croatian journals *Filozofska istraživanja* and *Synthesis Philosophica*). The most prominent are two monographs in his philosophical work: the first following with a title of his thesis (published in Copenhagen, Munksgaard, 1961; published in Spanish at México, 1969), and the second *Aristotle’s Theory of Rhetorical Argumentation* (Montreal, Editions Bellarmin, 1984). The last 10 years of his life he has spent investigating Petrić’s work and philosophy, within the framework of the renaissance interpretations of Aristotle. A few famous papers, along his research line, are the followings: “Finality, order and beauty in Aristotle and in the *Discussiones peripateticae* of Franciscus Patricius”, *Filozofska istraživanja* 64 (1/1997); “Creatio ex nihilo in the philosophy of F. Patricius”, *Prilozi za istraživanje hrvatske filozofske baštine XXV*, No. 12 (49 – 50), (1999); “Franciscus Patricius on Time: New Insights into an Ancient Question”, *Synthesis Philosophica* 32 (2/2001); “The Panaugia of Franciscus Patricius: From the Light of Experience to the First Light”, a chapter in the book: *Francesco Patrizi filosofo platonico nel crepuscolo del Rinascimento* (L. S. Olsckhi, Firenze, 2003). Until he has past away, he was a regular participant of the international symposium *The Days of Frane Petrić* on the island of Cres, Croatia (member of the Organizing Committee, and occasionally a member of the Programme Committee). He was a great philosopher and scientist who promoted Croatian philosophy and science in USA as it has never been done before. He created a web site on F. Petrić at the address <http://core.ecu.edu/phil/ryane/fphp.htm>, dealing with all international events and publications related to Petrić.

Andrej ULE was born 1946 in Ljubljana, Slovenia. He graduated 1971 in mathematics and achieved M.A. (1974) and PhD (1981) in philosophy at the University of Ljubljana. He got in 1982–83 the Humboldt grant for the study of logic and theory of science in München, at the Institute for Logic, Theory of Science and Statistics by prof. W. Stegmüller. His current position: Professor of analytic philosophy and philosophy of science at the Faculty of Arts, University of Ljubljana. Fields of interest: philosophy of logic, Wittgenstein’s philosophy, epistemology, philosophy of science, comparative philosophy. He published cca 180 scientific articles and 10 books about logic, philosophy of science, philosophy of language, epistemology and comparative philosophy. Some of his books are: *Filozofski problemi sodobne logike* (Philosophical problems of modern Logic) (Ljubljana, 1982), *Sodobne teorije znanosti* (Contemporary Theories of Science) (Ljubljana, 1992); *Znanost i realizam* (Science and Realism) (Zagreb, 1997); *Operationen und Regeln bei Wittgenstein* (Frankfurt/M, 1998); *Logos spoznanja* (Logos of Knowledge) (Ljubljana, 2002); *Dosegljivost resnice* (Attainability of Truth) (Ljubljana, 2004), *Znanost, družba, vrednote* (Science, Society, and Values) (Ljubljana, 2006).

Marko Uršič was born 1951 in Ljubljana, Slovenia. He graduated 1975 in philosophy and psychology. From 1975 to 1991 he worked in several professions, among them as a journalist and as a book editor. He achieved Master Degree in 1984 (*Aristotle’s Modal Logic*), PhD in 1990 (*Implication and Deductive Necessity*), both in the University of Ljubljana. His post-doc specialization took place in Salzburg by professor Paul Weingartner (logic of relevance) in 1991. From 1992 on he has been engaged as a professor of *Logic* and *Philosophy of Nature* in the Department of Philosophy, Faculty of Arts, and of *Theory of Symbolic Forms* in the Faculty of Social Sciences, all in the University of Ljubljana, Slovenia, EU. Up to now, he has published eight books (all in Slovenian), among them: *Matrices of Logos* (1987), *Gnostic Essays* (1994), *Basics of Logic* (1997), and three books of the tetralogy *Four Seasons*, philosophical dialogues and monologues (2002–). He is the author of more than 100 philosophical papers, among them: “*Cogito ergo mundus talis est*”: on some metaphysical and epistemological aspects of the Anthropoc Cosmological Principle”, *Acta Analytica* 28, (2002); “Paraconsistency and dialectics as coincidentia oppositorum in the philosophy of Nicholas of Cusa”, *Logique & Analyse*, No. 161–163 (1998); “The allegory of the cave”, *Hermathena*, No. 165 (1999). Some more information about the author and some of his papers are available on his homepage: <http://www2.arnes.si/~mursic3/>.