

Notes on Contributors

Claude Debru obtained his Ph.D. in Philosophy from the University of Lyon (France) in 1982. He is professor of philosophy of science and head of the Philosophy Department of the *École Normale Supérieure Paris*, where he teaches philosophy and epistemology to students in science as well as in the humanities. He is presently interested in the (scientific and philosophical) problem of the sources of human normativity.

Anita Draveniece holds a Ph.D. in Geography from the University of Latvia (2006). She is working for the international research collaboration at the Latvian Academy of Sciences, and since 2005 she was adviser to the Academy president and head of the international relations group. Over the past six years she has been involved in analysis and reporting on issues dealing with R&D system and policy in Latvia.

Anastasia A. Fedotova is researcher at the St Petersburg Branch of Institute for the History of Science and Technology, RAS. Her research interests are the history of botany, environmental history and the role of scientific knowledge in the rationalization of agriculture and forestry in Russia (19th to early 20th cc). She is a member of editorial office of the journal *Studies in the History of Biology*.

Kateryna N. Gamaliya obtained her Candidate's degree in History, specializing in the History of Science and Technology, in 2007 from the Dobrov Centre for Scientific and Technological Potential and Science History Studies of the National Academy of Sciences of Ukraine. She is head of the Department of the History of Art and Ethnic Culture of the Salvador Dali Art Institution of Art Modelling and Design. Kateryna N. Gamaliya teaches courses in History of Fine Arts and History of Park's Building. Her current research interest lies in broadening the conception of interactions between scientific progress and development of civilization.

Leonora Živilė Gelumbauskaitė, Dr. Sci., is senior researcher and head of Marine Geology and Geodynamics at Nature Research Centre of the Institute of Geology and Geography. Her research interests are marine geomorphology, Quaternary geology, palaeogeography of the Baltic Sea, geodynamic and neotectonic processes of the south-east Baltic coastal region. She is member of numerous Baltic Sea geological mapping expeditions, and has participated in international conferences.

Algimantas Grigelis, Dr. Habil., is Member of the Lithuanian Academy of Sciences, professor at Nature Research Centre of the Institute of Geology and Geography. His scientific interests are focused on the pre-Quaternary geology and palaeontology in the context of northern Europe, geological structure of the Baltic Sea, history of geological sciences. He is the author of regional geological maps of the Baltic mainland and the Baltic Sea and member of international geological congresses.

Vilma Gudienė obtained her Ph.D. in Biomedicine from the Kaunas University of Medicine in 1997. She is Associate Professor at the Lithuanian University of Health Sciences and Curator of the Museum of the History of Lithuanian Medicine and Pharmacy. Vilma Gudienė is teaching a course on the History of Pharmacy and Social Pharmacy. She

is a member of the International Academy of the History of Pharmacy (2009), and her scientific research focuses on the history of Lithuanian pharmacy.

Raivo Kalle has B.Sc. in Natural Resource and Conservation (2004) and M.Sc. in Botany and Mycology (2008) from the Estonian University of Life Sciences. He is research assistant at the Estonian Literary Museum, working on HERBA. His main areas of competence are Estonian ethnobotany with a strong focus on the use of the alien plants and wild food plants, and the history of science. He has taught Cultural Heritage and Introduction to Ethnobotany at the Estonian University of Life Sciences.

Enn Kasak obtained his Ph.D. in Astrophysics from the Tartu Observatory in 1990. He is associated professor of Methodology of Science at the University of Tartu. Enn Kasak is teaching courses in Philosophy, Logic, Religious Aspects of History of Science and History of Worldview. His current research interest is the unscientific aspects of science, especially the problem of hidden religiosity in science.

Iveta Ķestere is Doctor of Pedagogical Sciences, chief researcher at the Institute of Pedagogical Sciences of the Faculty of Education and Psychology and Art of the University of Latvia. Dr. paed. Ķestere teaches the course of History of Education. Her current research interest is the development of pedagogy as a science, research methodology of the history of education, education in Latvia under the Soviet occupation.

Juozas Algimantas Krikštopaitis obtained his Ph.D. from the Moscow University in 1989 (Dr. Habil. in History and Philosophy of Science after nostrification of his degree at the Science Council of Lithuania in 1991). He is leading researcher in history of science at the Lithuanian Research Institute of Culture, and professor emeritus of Vytautas Magnus University and Vilnius Pedagogical University; President of the Lithuanian Association of the History and Philosophy of Science. His current research interest is the application of aspects of cultural anthropology to scientific knowledge.

Vladimirs Kuznecovs obtained his Cand.Sc. in Medicine from the Moscow Psychiatric Research Institute in 1988; was granted the Dr.Med. degree by the Board of Latvian Medical Academy in 1993. From 2010, he is associated professor of the University of Latvia. His scientific interests are the history of psychiatry, suicidology, psychogeriatrics, and artistry of the mentally ill. He works as psychiatrist at the Riga Centre of Psychiatry and Addiction Disorders.

Mikko Kylliäinen is vice president of The Finnish Society for the History of Technology. He is Licentiate of Technology at the Tampere University of Technology (2003). In the field of the history of technology, he has published articles dealing with traffic history, especially bicycles and their diffusion, and the history of acoustical engineering.

Ieva Lībiete obtained the Dr.Med. degree at the Riga Stradiņš University in 2007 and currently continues her doctoral studies, investigating the history of psychiatry in Latvia. She is head of the Department of Study of the History of Medicine and Exhibition Work in the Pauls Stradiņš Museum for the History of Medicine in Riga, Latvia.

Endla Lõhkivi obtained her Ph.D. from the University of Tartu in 2002. She is associate professor in the Philosophy of Science and holder of the Chair of Philosophy of Science at the University of Tartu. Endla Lõhkivi teaches courses in Epistemology and Philosophy

of Science. Her research interests range from general philosophy of science to the cultural studies of science as workplace culture.

Marina Loskutova got her Ph.D. in history from the Central European University at Budapest in 2000. She is senior researcher at the St Petersburg branch of the Institute for the History of Science and Technology, the Russian Academy of Sciences. Her research interests include social history of science and education in the 19th to early 20th centuries, the history of learned societies, the history of geographical education in the Russian Empire.

Rein Mägi obtained his Ph.D. in Technology from the Kalinin Polytechnical Institute in 1984. He is associate professor at the Centre of Engineering Graphics of the Tallinn University of Technology. Mägi teaches courses in Descriptive Geometry, Technical Drawing and Computer Graphics. His current research interest is the problems and solutions related to engineering graphics. He received the title International Engineering Educator ING-PAED IGIP in 2004.

Vahur Mägi obtained his Ph.D. in the History of Culture from the University of Tallinn in 2004. He is senior researcher at the Library of Tallinn University of Technology. His current research interests are the history of technology and technical education in Estonia and engineering culture in Estonia.

Toivo Meikar obtained his Ph.D. in history at the Institute of History (Tallinn), Estonian Academy of Sciences, in 1981. He is senior researcher at the Institute of Forestry and Rural Engineering, Estonian University of Life Sciences. His current research interest is the history of forestry and science. He has compiled forestry bibliographies and proceedings of the Estonian Academic Forestry Society.

Peeter Müürsepp obtained his Ph.D. in Philosophy from the Vilnius University in 2002. He is professor of Philosophy and Methodology of Science and Head of Department at the Tallinn University of Technology. Professor Müürsepp teaches courses in Philosophy, Scientific Method and Logic. His current research interest lies in the essence of scientific knowledge from the practical realist point of view.

Leo Näpinen graduated from the University of Tartu in Chemistry in 1975 and obtained his Ph.D. in Philosophy from the Institute of Philosophy and Law at the Latvian Academy of Sciences in 1984. He is associate professor of the Chair of Philosophy at the Department of Public Administration of the Tallinn University of Technology. Leo Näpinen is teaching courses in Philosophy and the doctoral course The Paradigm of Self-Organization in Modern Sciences. Currently he is researching the theme of the limits of (exact) science in the context of understanding of nature.

Jadvyga Olechnovičienė obtained her Ph.D. in Biomedical Sciences from the Vilnius University in 2007. She is researcher at the Laboratory of Ecology and Physiology of Hydrobionts in the Institute of Ecology of Nature Research Centre in Vilnius, Lithuania. Besides, she is working as the scientific secretary in the Division of Biological, Medical and Geosciences of the Lithuanian Academy of Sciences. Her research interest is the history of ichthyology in Lithuania.

Iveta Ozola is M.A. in Philology and doctoral student at the Department of Pedagogy of the Faculty of Education, Psychology and Art at the University of Latvia specializing in

the history of pedagogy. Her current research interest lies in the development of pedagogy as a scientific discipline.

Laima Petrauskienė obtained Ph.D. in Biology from the Lomonosov Moscow State University in 1977. Her scientific research has touched upon many aspects of behaviour and physiology of hydrobionts: neuronal mechanism of electrotaxis; aggressive behaviour of fish; effects of toxicants on leech and leech taxonomy. She was involved in many international scientific projects. She worked as senior researcher at the Institute of Ecology for many years. Recently she is a freelance scientific researcher and her current research interest is the history of biology.

Jan Radler, Ph.D., works at the *Europa-Universität Viadrina Frankfurt (Oder)* in Germany. His main research interests are the history of Logical Empiricism and environmental philosophy, Austrian philosophy and problems of epistemology.

Karin Reich obtained her Ph.D. in the History of Science from the University of Munich. From 1995 to 2007 she was professor of the History of Science at the University of Hamburg. Karin Reich's main interests are Carl Friedrich Gauss and Russian-German scientific relations as well as the history of mathematics.

Elena Roussanova graduated in Science as well as in the History of Science. For several terms she was guest lecturer at the University of Hamburg; since 2008 she is collaborator on the project 'Gauss and Russia. Gauss' correspondence with scientists working in Russia'. Elena Roussanova's main scientific interests are the history of chemistry and scientific correspondences.

Angelė Rudzianskaitė is member of the European Association of Museums of the History of Medical Sciences. Her current research interests are management of the anatomy and medical history museums. She is consultant of the Museum of the History of Lithuania Medicine and Pharmacy.

Juris Salaks obtained his Dr.Med. degree in the History of Medicine from Free University of Berlin in 1991. He is professor of the History of Medicine and head of the Institute of the History of Medicine in Riga Stradiņš University. Professor Salaks teaches the courses of the History of Medicine and Medical Ethics. His current research interest lies in the history of Baltic-German medical relations, medical museology and the history of pharmaceutical industry in Latvia.

Heldur Sander obtained his M.Sc. in Geoeontology from the Tallinn University in 1998. He is scientific researcher at the Institute of Forestry and Rural Engineering, Estonian University of Life Sciences. His current research interests lie in dendrology, urban forestry and the history of science. He has studied urban and rural parks and botanical gardens, interlinking the above fields of research.

Renata Sõukand, B.Sc. in Pharmacy (1999), M.Sc. in Environmental Technology (2003), Ph.D. in Semiotics and Cultural Theory (2010) from the University of Tartu. Her main areas of competence are Estonian herbal folk medicine, environmental history and ecosemiotics. She is researcher at the Estonian Literary Museum, leading the digitizing of Estonian folk herbal heritage (HERBA). Has taught Medicine as Culture (University of Tartu), Cultural Heritage and Introduction to Ethnobotany (Estonian University of Life Sciences).

Jānis Stradiņš, Dr.Habil. in Chemistry (1968), Dr. H.C. in Historical Sciences (1991), full member of the Latvian Academy of Sciences, the German Academy of Sciences Leopoldina, the European Academy of Sciences and Arts, etc. He is professor (chief researcher) at the Institute of Organic Synthesis and Institute of Latvian History, University of Latvia. Main research interests include the history of universities and research centers in the Baltic countries, the international role and contacts of Baltic scientists in the 16th–20th centuries.

Mait Talts works currently as a research fellow at the Department of International Relations at Tallinn University of Technology. He is also a doctoral student at the Tallinn School of Economics and Business Administration and a lecturer, teaching courses in the Basics of Research, Estonian and European History. His research interests include the history of natural sciences.

Epi Tohvri obtained her Ph.D. in Art History from the University of Tartu in 2009. She is associate professor at the Tartu College of the Tallinn University of Technology. Dr Tohvri teaches the courses in the History and Theory of Architecture. Her current research interest is a multi-disciplinary approach for linking the intellectual history, the history of science, educational philosophy, and architectural history during the Enlightenment Era.

Andrejs Veisbergs obtained his Ph.D. (1986) and Dr. Habil. in Philology (1993) from the University of Latvia. He is professor of Linguistics and Head of the Department of Translation and Interpreting at the University of Latvia. His main courses include English Lexicology, Translation and Interpretation, Terminology Management, Language Varieties, etc. He has published more than 280 research papers, including monographs and dictionaries on the topics of lexicography, Language Contacts, Idioms, Translation and Interpretation. Prof. Veisbergs is also a consultant of Oxford English Dictionaries. He is the Chairman of the Presidential State Language Commission.

Katrin Velbaum obtained her M.A. in Philosophy from the University of Tartu in 2010. She works as researcher of the Philosophy of Science at the University of Tartu. Her research interests are epistemology of science, cultural and social (including gender-related) influences on forming knowledge and competence.

Rein Vihalemm obtained his Ph.D. in Philosophy from the Institute of Philosophy of the Academy of Sciences of the former U.S.S.R. (Moscow) in 1969. He is currently *professor emeritus* and part-time professor of the Philosophy of Science at the Department of Philosophy, University of Tartu. His primary research interests are in the field of philosophy and methodology of science, especially of chemistry and its history, also in the history of philosophy of science, especially in Estonia; he prefers the historical and practice-based approach in studying science.

Helgi Vihma obtained her M.A. in linguistics from the Tallinn Pedagogical University (now University of Tallinn) in 1993. She worked as senior researcher at the Tallinn Pedagogical University until her retirement in 1998. From 1993 to 1998 she was editor-in-chief of the journal *Acta Universitatis Scientiarum Socialium et Artis Educandi Tallinnensis*. Her research interests are the theoretical issues of dictionary compilation, the compilation of terminological dictionaries of standard Estonian, book history, Johannes Aavik's biography and his work in language innovation. She has been the Chair of Johannes Aavik Society since its foundation in 1992; currently she is the Honorary Chair of the Society.