

Programme of the 24th International Baltic Conference of History of Science at Tallinn School of Economics and Business Administration, Tallinn University of Technology

October the 8th 2010

Registration 10.00 -11.00 at Akadeemia tee 3

PLENARY SESSION (11.00-12.30, room X-209):

Moderator: Peeter Mürsepp

Opening words by the Rector of Tallinn University of Technology Prof **Andres Keevallik**

Opening address by the Chairman of the Organizing Committee Prof **Peeter Mürsepp**

Juozas Algimantas Krikštopaitis (Lithuanian Research Institute of Culture; Lithuanian Association of the History and Philosophy of Science). **Is it worthwhile choosing a joint Baltic course of intellectual action?**

Eero Loone (Tallinn University of Technology / University of Tartu, Estonia). **Functions of History of Science for Philosophy of Science**

Jānis Stradiņš (Latvian Academy of Sciences, Riga, Latvia). **Twenty years of the Association of the History and Philosophy of Science of the Baltic States**

LUNCH 12.30-14.00

PARALLEL SESSIONS (14.00-16.00 and 16.30-18.30)

SECTION I: PHILOSOPHY AND METHODOLOGY OF SCIENCE (14.00-16.00, room X-310)

Moderator: Rein Vihalemm

Keyvan Alasti (Iranian Institute of Philosophy, Tehran, Iran). **Incommensurability and Causal Theory of Reference: Phlogiston Case**

Enn Kasak (University of Tartu, Estonia). **Unperceived Civil Religion in Science**

Endla Lõhkivi (Institute of Philosophy and Semiotics, University of Tartu, Estonia). **Does identity matter? Reflections on the rationality and culture of science**

Peeter Mürsepp (Tallinn University of Technology, Estonia). **Knowledge in Science and Non-Science**

Leo Näpinen (Tallinn University of Technology, Tallinn, Estonia). **On the Unfitness of the Exact Sciences for the Understanding of Nature**

Birute Railiene (The Wroblewsky Library of the Lithuanian Academy of Sciences, Vilnius, Lithuania). **Lithuanian Conferences on the History of Science: Topic Analysis**

COFFEE BREAK 16.00-16.30

SECTION I: PHILOSOPHY AND METHODOLOGY OF SCIENCE (16.30-18.30, room X-310)

Moderator: **Enn Kasak**

Aušra Rimaitė (Vytautas Magnus University, Kaunas, Lithuania). **Science and Mass Media: Biotechnology for the Public**

Sami Pihlström (Helsinki Collegium for Advanced Studies; University of Jyväskylä, Finland). **A Pragmatist Perspective on the History of Scientific Realism**

Rein Vihalemm (University of Tartu, Estonia). **Towards a Practical Realist Philosophy of Science**

Katrin Velbaum (University of Tartu, Estonia). **Is it possible to assess the adequacy of standard empiricism by referring to the history of science?**

Riho Viik (University Nord / Tallinn University, Estonia). **The Fractal Structure of 36 Old Chinese Stratagems as a Methodological Phenomenon**

SECTION II: HISTORY OF MEDICINE AND MUSEUMS (14.00-16.00, room X-209)

Moderator: **Ramunas Kondratas**

Almantas Evaldas Bagdonavičius (Kaunas University of Medicine, Lithuania). **The embalming tradition in ancient Lithuania**

Almantas Evaldas Bagdonavičius (Kaunas University of Medicine, Lithuania). **Principles and patterns in Lithuanian ethnomedicine**

Edīte Bērziņa (Pauls Stradiņš Museum of the History of Medicine, Rīga, Latvia). **A New Exhibition on Space Biology and Medicine at the Pauls Stradiņš Museum of the History of Medicine**

Alexandra O. Conrady; Lidia A. Sorokina (Federal Alvezov Heart, Blood and Endocrinology Centre, St. Petersburg, Russia). **Preeminence of St. Petersburg (Leningrad) scientists and clinicians in the studies on essential hypertension**

Yuri K. Duplenko (National University "Kyiv-Mohyla Academy, Kiev, Ukraine"); **Nina V. Kochubey** (Institute of Gerontology of AMSU, Kiev, Ukraine). **"He returned...". Z.G. Frenkel's (1869-1970) years of study at Dorpat University**

Rita Grāvere (Pauls Stradiņš Museum of the History of Medicine, Rīga, Latvia). **Population Research in Latvian Anthropology in the 1930s**

Vilma Gudienė (Museum of the History of Lithuanian Medicine and Pharmacy, Vilnius, Lithuania). **Anatomy and surgery texts in the 1774 registry of the library of the Vilnius University pharmacy**

COFFEE BREAK 16.00-16.30

SECTION II: HISTORY OF MEDICINE AND MUSEUMS (16.30-18.30, room X-209)

Moderator: **Ramunas Kondratas**

Jaan Kasmel, Tiiu Kasmel (Centre for Physical Anthropology, University of Tartu, Estonia). **On medical professionals and unqualified healers in the Republic of Estonia by the late 1920s**

Jaan Kasmel, Tiiu Kasmel (Centre for Physical Anthropology, University of Tartu, Estonia). **On the collection of anatomical specimens at the Institute of Anatomy of the University of Tartu (the former Imperial University of Dorpat) from 1876–1886**

Jaan Kasmel, Tiiu Kasmel (Centre for Physical Anthropology, University of Tartu, Estonia). **Aleksandra Raatma, doctor of medicine, professor of forensic medicine and head of the department of forensic medicine at Tartu State University**

Ramunas Kondratas (Vilnius University Museum, Lithuania). **The Medical Museums of Vilnius University (1775-1842)**

Vladimirs Kuznecovs (Riga Center of Psychiatry and Addiction Disorders, Latvia). **Abolishment of the Military Guard at the Riga Alexander Heights Asylum in 1856: War as a Monitor of Humanization?**

Ieva Lībiete (Pauls Stradins Museum for History of Medicine, Riga, Latvia). **Fighting schizophrenia: beginnings of somatic treatments in Riga Sarkankalns hospital in the 1930s**

Baiba Maurina; Venta Sidlovska; Ilze Smiltena (Riga Stradins University, Faculty of Pharmacy; Latvia). **Drogeries as One of Fields of Activity for Pharmacists in Latvia in the First Half of the 20th Century**

SECTION III: HISTORY OF NATURAL SCIENCES AND MATHEMATICS (14.00-16.00, room X-316)

Moderator: **Jarmo Pulkkinen**

Juozas Banionis (Vilnius Pedagogical University, Lithuania). **Mathematician Zigmās Žemaitis (1884-1969) as a man of Lithuanian science**

Natalia Beregoy (St. Petersburg Branch of the Institute for the history of science and technology, RAS; Russia). **Peter Jessen: the first Head of the Veterinary school in Tartu (1848-1918), the scientific centre for veterinarian studies and education for the Russian Empire**

Anastasia A. Fedotova (St. Petersburg branch of the Institute for the History of Science and Technology, Russian Academy of Science, Russia). **The encyclopedia “Biology in St. Petersburg 1703-2008”**

Vira Gamaliya (Dobrov Centre for Scientific and Technological Potential and Science History Studies, Kyiv, Ukraine). **Contribution of F. V. Bucholtz to the development of mycology and phytopathology**

Leiu Heapost (Institute of History, Tallinn University, Estonia). **On the history of anthropological research in Estonia.**

Jaan Kasmel, Tiiu Kasmel (Centre for Physical Anthropology, University of Tartu, Estonia). **Seventy years of the anthropology section of the Estonian Naturalists’ Society**

COFFEE BREAK 16.00-16.30

SECTION III: HISTORY OF NATURAL SCIENCES AND MATHEMATICS (16.30-18.30, room X-316)

Moderator: **Natalia Beregoy**

Libertas Klimka (Vilnius Pedagogical University, Lithuania). **Georg Sabler (1810-1865), eminent Director of Vilnius Astronomical Observatory**

Tõnu Kollo (Institute of Mathematical Statistics, University of Tartu, Estonia). **Pioneers of Modern Statistics – Etienne Laspeyres and Wilhelm Lexis**

Eglė Makariūnienė (Vilnius, Lithuania). **An episode of Lithuanian and Estonian scientific collaboration: magnetic measurements of the Lithuanian Baltic seaside in 1930**

Laima Petrauskienė, Jadvyga Olechnovičienė (Institute of Ecology, Nature Research Centre, Vilnius, Lithuania). **The fame of scientists: does it reflect their real contribution to science?**

Jarmo Pulkkinen (University of Oulu, Finland). **Historical study of scientific discovery: the case of A. I. Virtanen**

Toomas Pung (The Museum of the History of Tartu University, Estonia). **Konstantin Pokrovski – director of Tartu Observatory in 1908-1915**

SECTION IV: HISTORY OF TECHNOLOGY AND ENGINEERING (14.00-16.00, room X-322)

Moderator: **Sampsa Kaataja**

Sampsa Kaataja (University of Tampere, Finland). **Finnish university researchers developing technology for commercial markets 1900-2000**

Mikko Kylliäinen (The Finnish Society for the History of Technology; Finland). **The bicycle in 19th century Estonia: comparisons with other European countries**

Rein Mägi (Tallinn University of Technology, Estonia). **BALTGRAF – Engineering Graphics in the Baltic States**

Vahur Mägi (Tallinn University of Technology, Estonia). **The Estonian Language of Technology as a Driving Factor in the Evolution of Engineering Thinking**

Augusts Ruplis (Riga Technical University, Latvia). **The contribution of N. Shilov and L.Liepina in the theoretical and practical application of the Zelinsky gas mask.**

Ingunda Sperberga (Institute of Silicate Materials, Riga Technical University, Latvia), **Ilgars Grosvalds, Uldis Alksnis** (Latvian Museum of the History of Chemistry, Riga, Latvia). **The Riga porcelain**

Romualdas Šviedrys (Polytechnic Institute of New York University, USA). **Fireworks rather than artillery: Casimir Simiennowicz's 'Great Art of Artillery'**

COFFEE BREAK 16.00-16.30

SECTION V: HISTORY OF SOCIAL SCIENCES, HUMANITIES AND EDUCATION (14.00-16.00, room X-416)

Moderator: **Rein Ruutsoo**

Dzintra Atstāja (BA School of Business and Finance, Riga, Latvia), **Alīda Zigmunde** (Riga Technical University, Latvia). **The Economist and Statistician Étienne Laspeyres (1834 – 1913) and his Work in the Baltic States**

Ekaterina Basargina. (S. Vavilov Institute for the History of Science and technology RAS, St. Petersburg Branch, Russia). **The Imperial St. Petersburg Academy of Sciences and Classical Education in Russia**

Igor Grāzin (University Nord / Tallinn University, Estonia). **Social Science as a Myhtologeme, or What Came After Postmodernism**

Iveta Kestere, Iveta Ozola (University of Latvia). **Pedagogy: a discipline under diverse appellations**

Toms Kikuts (National History Museum of Latvia; University of Latvia). **Different approaches or history as a political instrument? Historical research in the discussions of Latvian national-romantic and left-orientated intellectuals (1890s-1910s).**

Kersti L. Linask (Department of International Relations, Tallinn University of Technology, Tallinn, Estonia). **The Masculinity of Colloquial Estonian**

COFFEE BREAK 16.00-16.30

SECTION V: HISTORY OF SOCIAL SCIENCES, HUMANITIES AND EDUCATION (16.30-18.30, room X-416)

Moderator: **Igor Gräzin**

Vahur Mägi (Tallinn University of Technology, Estonia). **Estonian Technology Education in Exile after World War II**

Aile Möldre (Institute of Information Science, University of Tallinn, Estonia). **The Advent of Estonian-language Scholarly Book Publishing in 1901-1917: an Overview**

Jan Radler (European University Viadrina Frankfurt (Oder), Germany). **Arne Naess' meta-philosophy: From "empirical semantics" to deep ecology**

Rein Ruutsoo (Tallinn University, Estonia). **Estonian history writing and problems of current historiography (On the historiography of the „Singing revolution).**

Timo Salminen (University of Helsinki, Finland). **Harri Moora, Ella Kivikoski, and Scandinavia (1930s until 1950s).**

Ineta Strautiņa (University of Latvia). **Who is a comprehensive teacher?**

19.00 Rector's reception at the Library of Tallinn University of Technology (Akadeemia tee 1)

October the 9th 2010

PARALLEL SESSIONS (9.30-11.30 and 12.00-14.00)

SECTION II: HISTORY OF MEDICINE AND MUSEUMS (9.30-11.30, room X-209)

Moderator: **Ken Kalling**

Vitalija Miežutavičiute (Medical Faculty, Vilnius University, Lithuania). **Two hundred years of the Vilnius Maternity Institute.**

Maija Pozemkovska, Arnis Viksna (Riga Stradiņš University, Rīga, Latvia). **The Latvian Association of Medical Historians from 1990 to 2010**

Kaarina Rein (University of Tartu, Estonia). **Johannes Raicus and his 1631 Medical Topography about Tartu**

Angelė Rudžianskaitė, Vilma Gudienė (Museum of the History of Lithuanian Medicine and Pharmacy, Vilnius, Lithuania). **Advertisements in the professional Lithuanian pharmaceutical journals, 1923-1940**

Juris Salaks (Riga Stradiņš University, Rīga, Latvia). **The Collection of the Professor Nikolay Pirogov at the Pauls Stradiņš Museum of the History of Medicine in Rīga.**

Evgenii M. Tishchenko (Medical University, Grodno, Belarus). **The contribution of graduates of Tartu University to the formation of medical education of Belarus**
Dalia Triponienė (Vilnius Medicine Society, Vilnius University, Lithuania). **Robert Koch, M.D. (1843-1910) – Honorary Member of the Vilnius Medical Society**

COFFEE BREAK 11.30-12.00

SECTION II: HISTORY OF MEDICINE AND MUSEUMS (12.00-14.00, room X-209)

Moderator: **Maija Pozemkovska**

Ave Tupits (Estonian Folklore Archives, Estonian Literary Museum, Tartu, Estonia). **The Folk Medicine Collection of the Estonian Healthcare Museum in the 1920s and 1930s**
Kostyantyn G. Vasylyev (Sumy State University, Ukraine). **The Baltic Bridge: The Baltic Region as a Place of Transfer of Knowledge in Medicine**
Kostyantyn K. Vasylyev; Olena Yarova (Sumy State University, Ukraine). **Professor N.I. Kefer's memoirs about Derpt university and Derpt of the second half of the 1880s**
Yuri Vasylyev (Sumy State University, Ukraine). **M.K. Diteryx: alumnus of Derpt University, pupil of N.I. Pirogov, founder-member of the Physicians' Society in Odessa**
Arnis Viksna, Sergejs Savenko (University of Latvia; Riga, Latvia). **Medical professorships in Latvia**
Aistis Žalnora (Faculty of Medicine, Vilnius University, Lithuania). **Anthropology, anatomy, and histology studies at the Stephen Bathory University in Vilnius, 1919-1939**

SECTION III: HISTORY OF NATURAL SCIENCES AND MATHEMATICS (9.30-11.30, room X-210)

Moderator: **Libertas Klimka**

Tuomas Räsänen (Department of General History, University of Turku, Finland). **Gulf of Values: Comparing Environmental Perceptions of Finnish and Estonian Marine Scientists**
Karin Reich; Elena Roussanova (University of Hamburg, Germany). **Gauß' correspondents in the Baltics.**
Aurika Ričkienė (Institute of Botany of the Nature Research Centre, Vilnius, Lithuania). **Women in botanical research in Lithuania during 1945–1970**
Svitlana Ruda (Dobrov Centre for Scientific and Technological Potential and Science History Studies, Kiev, Ukraine); **Oksana Zabuga** (National Taras Shevchenko University Kiev, Ukraine). **The famous Polish zoologist Benedikt Dybovsky**
Mudis Šalkauskas (Institute of Chemistry; Lithuanian Chemical Society, Vilnius, Lithuania). **The First Conference of Lithuanian Chemists in 1958**
Tõnu Viik (University of Tartu, Estonia). **Heinrich Christian Schumacher - from lawyer to astronomer**

**SECTION V: HISTORY OF SOCIAL SCIENCES, HUMANITIES AND EDUCATION
(9.30-11.30, room X-213)**

Moderator: **Peeter Mürsepp**

Ivars Strautmanis (Department of Architecture and Urban planning, Riga Technical University, Latvia), **Jana Jākobsone** (Department of town planning, Kuldīga Town council, Latvia). **Cultural heritage protection, preservation, and development in historical centres of modern towns, in the context of Kuldīga, Europe, and the Nordic countries**

Mait Talts (Department of International relations, Tallinn University of Technology, Estonia). **Role of non-fiction literature in the shaping the Estonians' world outlook**

Erki Tammiksaar (Estonian University of Life Sciences; Centre for Science Studies, K. E. von Baer House, Tartu, Estonia). **Antarctica and the problem of its discovery in the scholarly literature of the 19-20th centuries**

Epi Tohvri (Tartu College of Tallinn University of Technology, Tartu, Estonia). **Georges-Frédéric Parrot as the creator of an innovative statute of Tartu University in the early 19th century**

Aldona Vasiliauskienė (University of Šiauliai, Lithuania). **Archbishop Mečislovas Reinys: his contribution to scholarship**

Andrejs Veisbergs (University of Latvia, Latvia). **Historical Comparison of Lexicography of the Three Baltic Nations**

COFFEE BREAK 11.30-12.00

**SECTION V: HISTORY OF SOCIAL SCIENCES, HUMANITIES AND EDUCATION
(12.00-14.00, room X-213)**

Moderator: **Erki Tammiksaar**

Helgi Vihma (Johannes Aavik Society, Tallinn, Estonia). **The Origin of the Ideas of Estonian Language Reformer Johannes Aavik (1880 – 1973)**

Alīda Zigmunde (Riga Technical University, Latvia). **The idea to found a “Baltic society of sciences” in 1839 and the exploration of Baltic history**

Alīda Zigmunde (Riga Technical University, Latvia). **The relations of the reform pedagogue Hugo Gaudig with the Baltic States**

Evelina Zilgalve (Faculty of Humanities, University of Latvia, Riga, Latvia). **The meaning of particles in topic-comment structure in Latvian**

POSTERS AT SECTION V: HISTORY OF SOCIAL SCIENCES, HUMANITIES AND EDUCATION:

Rene Haljasmäe (Conservation Department, Academic Library of Tallinn University, Estonia). **WWW-Database of Incunabula in Memory Institutions of Estonia**

Signe Jantson (Tallinn University of Technology Library / Tallinn University, Estonia). **Book trade in Estonia in the second half of the 19th century and at the beginning of 20th century**

Kate-Riin Kont (Tallinn University of Technology Library / Tallinn University, Estonia). **Scientific Information in Baltic's Leading Technical University Libraries – Past Trends and Current Situation**

LUNCH 14.00-15.00

FINAL PLENARY SESSION (15.00-16.00, room X-209):

Moderator: **Jaak Aaviksoo**

Jaak Aaviksoo (Estonian Society of History and Philosophy of Science). **To be announced**
Claude Debru (Ecole Normale Superieure, Paris, France). **Science and Human**
Normativity.

Jānis Stradiņš; Anita Draveniece (Latvian Academy of Sciences, Riga, Latvia). **The**
European Academy of Sciences and Arts and its connections to the Baltic countries
Conclusions

ASSEMBLY MEETING OF THE BALTIC ASSOCIATION OF HISTORY AND
PHILOSOPHY OF SCIENCE 16.00-17.00