



## Thursday, 1 November

### National and Kapodistrian University of Athens Historical Building – Main Hall

09.00-09.30 Opening ceremony

09.30-10.30 Plenary lecture: **Costas B. Krimbas**, The reception of Darwin in Greece

### NHRF – National Hellenic Research Foundation – “ZERVAS” Hall

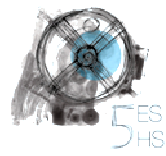
#### **SY21 - Scientific archives, unpublished manuscripts in private or public corpuses: historiographical and methodological approaches**

- 11.00-11.30 **Jenny Boucard**, On some manuscripts of Louis Poincaré : contributions to the understanding of his work and his approach to mathematics
- 11.30-12.00 **Martha Bustamante**, About a manuscript of Emile Borel
- 12.00-12.30 **Thomas Posch, Günter Bräuhöfer, Karin Lackner, Isolde Müller, Franz Kerschbaum**, Discovery of a manuscript on the history of astronomy from ca. 1830
- 12.30-13.00 **Fatima Romero Vallhonesta**, Manuscript 2294 from the library of Salamanca University
- 13.00-13.30 **Valérie Debuiche**, Leibniz’s Manuscripts on Perspective
- 13.30-14.30 BREAK
- 14.30-15.00 **Evelyne Barbin, René Guitart**, The correspondance of Emile Clapeyron to Gabriel Lamé (1833-1835), to analyze of social networks
- 15.00-15.30 **Ivana Gambaro**, Reconstructing the development of physics in Italy after World War II: the role of correspondences and archives
- 15.30-16.00 **Natalia Knekht**, To write the biography of a scientist today: using photo archives
- 16.00-16.30 **Jean Delire**, Les recherches de Jai Singh II (1688-1743) sur l’astronomie non classique (siddhāntas), d’après des lettres et manuscrits conservés à Lisbonne, Goa et Jaipur
- 16.30-17.00 **Christian Gerini**, W.H.F. Talbot (1800-1877) mathematician: the handwritten notebooks, the drafts and the correspondence with the French mathematician J. D. Gergonne (1771-1859)
- 17.00-17.30 BREAK
- 17.30-18.00 **Elena Zaitseva**, Scientific archives, unpublished manuscripts for new interpretation of the scientist’s biography
- 18.00-18.30 **Pauline Romera-Lebret**, Toward a complete Biography of Henri Brocard
- 18.30-19.00 **Dominique Tournes, Claude Brezinski**, André Cholesky's personal archives and their exploitation by historians

### NHRF - National Hellenic Research Foundation – Lecture Room 1

#### **SY18 - Physical sciences between Europe and the USA before WWII**

- 11.30-12.00 **Marta Jordi Taltavull**, The American small boy who never grew up: Robert Wood’s research on physical optics
- 12.00-12.30 **Jaume Navarro**, A British physical ‘corpuscle’ travels to American chemistry. J.J. Thomson’s 1923 trip to Philadelphia



- 12.30-13.00 **Massimiliano Badino**, A Tale of Two Problems or How US Joined Together What Europe Had Put Asunder
- 13.00-13.30 **Jeremiah James**, From Physical Chemistry to Chemical Physics, from Germany to the USA
- 13.30-14.30 BREAK
- 14.30-15.00 **Alexander Blum**, Solving European Problems in the USA: The Infrared Divergence
- 15.00-15.30 **Shaul Katzir**, Piezoelectric research between pure and applied, Europe and America
- 15.30-16.00 **Roberto Lalli**, The revival of the Larmor-Lorentz ether theories: Herbert E. Ives' opposition to relativity between 1937 and 1953

## **NHRF - National Hellenic Research Foundation – Lecture Room 2**

### **SY1 - Ancient Astronomy and its Later Reception**

- 11.00-11.30 **John Steele**, The Rising Times of the Zodiac in Babylonian and Later Astronomy
- 11.30-12.00 **Magdalini Anastasiou, J.H. Seiradakis, C.C. Carman, K. Efstathiou**, The Antikythera Mechanism: the structure of the mounting of the back plate's pointer and the construction of the spirals
- 12.00-12.30 **Anne Tihon**, An "Hipparchian" Astronomical Papyrus : P. Fouad Inv 267A
- 12.30-13.00 **Seyyed Mohammad Mozaffari**, Ptolemaic Eccentricity of the Superior Planets in the Medieval Islamic Period
- 13.00-13.30 **José Bellver**, Jābir b. Aflaḥ on the order of the spheres
- 13.30-14.30 BREAK
- 14.30-15.00 **Radim Kocandrlje**, On the sphere of Anaximander
- 15.00-15.30 **Anna Santoni**, A map for Aratus
- 15.30-16.00 **Alena Hadravova**, Reflection of ancient Greek tradition in the 13th century Premyslid celestial globe saved in Bernkastel-Kues
- 16.00-16.30 **Petr Hadrava**, Mathematical investigation of the Premyslid celestial globe saved in Bernkastel-Kues
- 16.30-17.00 **Giancarlo Truffa**, Almagest's star catalogue and first celestial maps
- 17.00-17.30 BREAK
- 17.30-18.00 **Johannes Thomann**, An Arabic Ephemeris for the year 1026/1027 CE. in the Vienna Papyrus Collection
- 18.00-18.30 **Alexander Jones**, From Oxyrhynchus to Nürnberg: ancient and modern ephemerides
- 18.30-19.00 **Stephan Heilen**, The doctrine of the 3rd, 7th and 40th day of the Moon in ancient astrology
- 19.00-19.30 **Richard Kremer**, Tables, Ptolemy's Tetrabiblos, and Medieval Latin Astrological Texts
- 19.30-20.00 **Oksana Koltachykhina**, Religion in the cosmological ideas in Ukraine (from XI to XVII century)
- 20.00-20.30 **Daniel Spelda**, The reception of ancient astronomy in the early histories of astronomy



## MARASLEIOS- Lecture Room 1

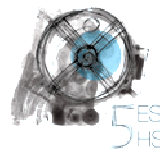
### SY13 - History and Philosophy of Science in EU Secondary Curricula? New Proposals Wanted

- 11.30-12.00 **Raffaele Pisano**, Introduction to symposium: On the emergency to discuss H&PS teaching and curricula in EU Schools
- 12.00-12.30 **Constantine Skordoulis, Efthymios Nicolaidis**, A European Textbook on “The Development of Science in Europe”. Questions and Prospects
- 12.30-13.00 **Laurence Maurines, Magali Gallezot, Daniel Beaufils, Marie-Joëlle Ramage**, A proposal to analyse the representation of the Nature of Science conveyed by science teaching and to elaborate new pedagogical proposals
- 13.00-13.30 **Christopher Bissell**, The role of the history and philosophy of technology in secondary education
- 13.30-14.30 BREAK
- 14.30-15.00 **Arun Bala**, Philosophy of Science and Intercultural Dialogue: Rethinking Education
- 15.00-15.30 **Maria Elisa Maia**, History and Philosophy of Science in Science Education
- 15.30-16.00 **Cláudia Faria**, A naturalist who became a pioneer of experimental marine oceanography in Portugal. Assets for science education
- 16.00-16.30 **Vincenzo Cioci**, A teaching proposal on twentieth century Physics
- 16.30-17.00 BREAK
- 17.00-17.30 **Francesco Bevacqua**, Historical Tools for Teaching Physics: a practical proposal
- 17.30-18.00 **M<sup>a</sup> Rosa Massa Esteve, Iolanda Guevara Casanova, Fàtima Romero Vallhonesta, Carles Puig Pla**, Implementation of the history of mathematics in Catalan secondary schools
- 18.00-18.30 **Ricardo Lopes Coelho, Mónica Baptista, Ana Maria Freire**, On Joule's experiment: How the historical experiment can improve the understanding of energy
- 18.30-19.00 **Iolanda Guevara-Casanova**, Pythagoras' Theorem and the resolution of the second degree equation in The Nine Chapters on the Mathematical Art
- 19.00-19.30 **Martin Bilek**, Science/Chemistry Methodology in Education in the Course of Ages from Alchemy to Information Society
- 19.30-20.00 **Flora Papparou**, The Use of Science Museums and Historical Scientific Instrument Collections Offers New Perspectives for the Design of the Secondary Education Science Curriculum

## MARASLEIOS- Lecture Room 2

### SY3 - Byzantine and post-Byzantine alchemy: principles, influences and effects

- 11.30-12.00 **Robert Halleux**, Les traités techniques du corpus des alchimistes grecs
- 12.00-12.30 **Matteo Martelli**, Which kind of alchemy is handed down by the ms. 67 of the Aghios Stephanos Monastery of the Meteors?
- 12.30-13.00 **Sandy Sakorrafou, Gerasimos Merianos**, John Kanaboutzes' Commentary on Dionysios of Halicarnassus: A Perception of Alchemy in a late Byzantine text
- 13.00-13.30 **Christos Makrypoulas**, Ex Oriente Ignis: Incendiary Weapons Technology between Byzantium and Islam
- 13.30-14.30 BREAK



- 14.30-15.00 **Remi Franckowiak**, Athanasius Rhetor: a Greek in Paris, a priest in alchemy  
15.00-15.30 **Vangelis Koutalis**, Cosmopoiesis as a chymical process: Jean d'Espagnet's Enchiridion Physicae Restitutae and its translation in Greek by Anastasios Papavassilopoulos  
15.30-16.00 **Georgios Papadopoulos**, Chemical medicine in 16th and 17th century europe: remarks on local, religious and ideological connections  
16.00-16.30 **Gianna Katsiampoura**, Byzantine and post Byzantine alchemy: A research project in progress  
16.30-17.00 BREAK

### **SY2 - Around Henri Poincaré's Centenary: physics, mathematics and philosophy.**

- 17.00-17.30 **Christian Bracco**, Poincaré's 1905 Palermo Memoir: analysis of its logic and comparison with secondary texts  
17.30-18.00 **Isabel Serra**, Principles of Physics in Poincaré's thinking: from history to philosophy of science  
18.00-18.30 **Jean-Pierre Provost**, Poincaré's Space and Time conference and his attitude towards relativity  
18.30-19.00 **Thierry Paul**, Poincaré and the negative results: an attitude of deconstruction  
19.00-19.30 **Anne-Françoise Schmid**, Scientific generalization, order and compatibility between disciplines in Poincaré's thinking  
19.30-20.00 **Enrico Giannetto**, Poincaré's Relativistic Dynamics and the Electromagnetic Conception of Nature

### **MARASLEIOS- Lecture Room 3**

#### **SY4 - Cartesian Physics and its reception: between local and universal**

- 11.30-12.00 **Ricardo Lopes**, Coelho Descartes' laws of motion and rules of impact  
12.00-12.30 **Filip Buyse**, Spinoza and Cartesian Physics  
12.30-13.00 **Epaminondas Vampoulis**, Leibniz and Descartes' physics  
13.00-13.30 **Alexandra Torero-Ibad**, The reception of Descartes' physics as an atomism in 17th century natural philosophy  
13.30-14.30 BREAK  
14.30-15.00 **Delphine Bellis**, The role of the Dutch context in the function ascribed to experience in Cartesian natural philosophy (the case of Regius)  
15.00-15.30 **Maija Kallinen**, Aboa Aristotelico – non-Cartesiana. Cartesian physics and strategies of stability in the 17th-century Sweden  
15.30-16.00 **Mihnea Dobre**, Mixing Cartesianism and Newtonianism: the reception of Cartesian physics in England  
16.00-16.30 **René Sigrist**, Cartesianism in a Calvinist context: Geneva (1670-1720)  
16.30-17.00 BREAK

#### **SY10 - Global phenomena and local specificities: conduits between scientifically minded elites and holders of artisanal knowledge between the East and the West.**

- 17.00-17.30 **Liliane Pérez**, Artisans and labour rationalisation in the West: the case of George Willdey, toyman in London c.1700-1737  
17.30-18.00 **Simona Valeriani**, The role of 'in-between Objects' in the creation of new knowledge in Europe in Early Modern times: 3-D models, technical drawings, maps and instruments



- 18.00-18.30 **Xu Xiaodong**, Reverse-engineering of enamel in China: Jesuit science and Chinese technology
- 18.30-19.00 **Marie Thebaud-Sorger**, Managing energy in the Industrial Enlightenment : gas technologies in European towns, between scientific theories and micro-inventions
- 19.00-19.30 **Dagmar Schaefer**, Models, sketches, artefacts during the Qing era
- 19.30-20.00 **Anne-Julie Etter**, Between global and local: antiquarianism in early colonial India (c. 1750-1830)
- 20.00-20.30 **Marco Saraceno**, The conflict of professional identity in the scientific definition of “aptitude”. The case of the psychotechnics laboratory of French Northern railways

#### MARASLEIOS- Lecture Room 4

##### SY32 - Women in the Laboratory from the early modern times to the 20th century

- 11.30-12.00 **Natalie Pigeard Micault**, The female co-workers of Marie Curie
- 12.00-12.30 **Josep M. Fernández-Novell, Carme Zaragoza Domènech**, Chemistry at home: Rosa Sensat and chemistry dissemination between housewives in the early twentieth century
- 12.30-13.00 **Annette Lykknes, Brigitte Van Tiggelen**, The wife as risk-taker and conceptual thinker: Ida Noddack-Tacke and nuclear fission
- 13.00-13.30 **Barbara Villone, Maria Teresa Sosso**, Lise Meitner versus Ida Noddack: human and scientific aspects in the controversy about nuclear fission
- 13.30-14.30 BREAK
- 14.30-15.00 **Sally Horrocks**, Gender, Science and the State: British Government Research Laboratories from World War II to the 1960s
- 15.00-15.30 **Tamar Groves**, Hit and Run: Women scientists in Salamanca University in the late Franco period
- 15.30-16.00 **Sarah Tracy**, Better Living through Biochemistry - Margaret Keys, Biochemistry, and the
- 16.00-16.30 **Claudia Wassmann**, “Being female is not a requirement”

#### MARASLEIOS- Lecture Room 5

##### SY26 - The Origins of Experimental Philosophy: Experimental Procedures and Empirical Methods in Early Modern Europe

- 11.30-12.00 **Arianna Borrelli**, Experiments in Giovanni Battista Della Porta's meteorological treatise „De aeris transmutationibus“ (1610)
- 12.00-12.30 **Markos Polakis**, Exploring Galileo's method: The day Earth stopped standing still
- 12.30-13.00 **Dana Jalobeanu**, The Hunt of Pan: creative, heuristic and therapeutic role of experiments in Francis Bacon's natural histories
- 13.00-13.30 **Doina Rusu**, Experiment and Matter Theory in Francis Bacon's Natural Histories
- 13.30-14.30 BREAK
- 14.30-15.00 **Cesare Pastorino**, Reconsidering Francis Bacon's Experiments on Specific Gravities
- 15.00-15.30 **Laura Georgescu**, Serial Experimentation: The case of 'magnetic coition' in Gilbert's De Magnete



- 15.30-16.00 **Mihaela Giurgea**, On the creative role of experimentation in Descartes' study of colours
- 16.00-16.30 **Cassiano Terra Rodrigues**, Peirce's appraisal of Petrus Peregrinus' De Magnete
- 16.30-17.00 BREAK

### **SY23 - Scientific Expeditions: Local Practices and Cosmopolitan Discourses**

- 17.00-17.30 **Huiyi Wu**, From a Chinese reading cabinet to the Paris Academy: an eighteenth century French Jesuit's translation concerning some "curious" Chinese craft knowledge
- 17.30-18.00 **Jan Vandersmissen**, Fishermen's Knowledge in the Academic Salon – How Jean-Andri Peyssonnel's Studies of "marine products" at the Coasts of Barbary and Guadeloupe Influenced Debates on the True Nature of Coral in Eighteenth-Century Europe.
- 18.00-18.30 **Marie Dupond**, The triangular relationship between science, politics and culture expressed by the idea of progress and implemented through the Expedition to Egypt
- 18.30-19.00 **Yuko Takigawa**, Russian Scientific Expedition in Japan in the Early 19th Century: Achievements in Ichthyology by the Krusenstern Expedition
- 19.00-19.30 **Tatiana Feklova**, Ethnic elements on the expeditions of the Russian Academy of Science of the first half of the XIX- th century
- 19.30-20.00 **Jose Zerpa Rodriguez**, Reception of Latin American volcanoes and its related activities in European geological works (1735 - 1832)

### **MARASLEIOS- Lecture Room 6**

#### **Scientific Session 1**

- 11.30-12.00 **Gatto Maurizio**, Ctesibius' siege machine. Affinities and divergences between it and the Sambuca by Damis of Colophon.
- 12.30-12.30 **Papari Vasiliki**, Color in ancient philosophy
- 12.30-13.00 **Vekerdy Lilla**, Georg Bartisch and his "Augendienst"
- 13.00-13.30 **Canavas Constantin**, From Hellenism to Sunnī revival: Cultural frames, theological motives, and perspective shift in dealing with complexity
- 13.30-14.30 BREAK
- 14.30-15.00 **Ausejo Elena**, Mathematics Education for Merchants: the Choice of Contents in Juan de Icvar's Practical Arithmetic (1549)
- 15.00-15.30 **Bhattacharyya Rabindra Kumar**, History of Brahmagupta's Mathematics and their Transmission to Arab Countries
- 15.30-16.00 **Heeffe Albrecht**, The physicalization of mathematics at Jesuit Colleges following the Ratio Studiorum (1599)
- 16.00-16.30 **Minecan Ana Maria Carmen**, The problem of emptiness and movement in the condemnation of Aristotle's cosmology during the XIIIth century.
- 16.30-17.00 BREAK
- 17.00-17.30 **Ben Miled Marouane**, Metamathematical Contents in Mathematical Texts by The New Algebraical and Geometrical Traditions' Founders in the IXth-XIth Centuries
- 17.30-18.00 **Dragomir Sandra Constanta**, " Human nature and understanding in "Initia doctrinaePhysicae" A contextualising analysis"



- 18.00-18.30 **Diaz-Fajardo Montse**, Notes ON THE KING ALFONSO THE TENTH'S SCIENTIFIC TRANSLATOR TEAM
- 18.30-19.00 **Argiana Fotini, Cotsakis Spiros**, Olbers' Paradox: a Cornerstone of Scientific Cosmopolitanism
- 19.00-19.30 **Noguera-Solano Ricardo**, The constructor metaphor in Darwin's reflections
- 19.30-20.00 **Kaczmarzyk Ewa**, The first 19th century the Linnaeans botanical papers regarding the Cracow-Częstochowa Upland, Poland

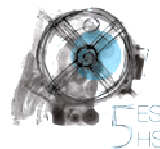
### MARASLEIOS – Lecture Room 7

#### Scientific Session 2

- 11.30-12.00 **Marques Daniel Gamito**, Three Hundred Fathoms Under the Sea: Barbosa du Bocage and the Search for Marine Life at High Depths (1864-1874)
- 12.00-12.30 **Grapı Pere**, Berthollet's revolutionary course of chemistry at the Ecole Normale of the year III. Pedagogical experience and scientific innovation
- 12.30-13.00 **Bokaris Efthymios P., Avlonitis Stamatis**, The chemistry in Ionian Academy
- 13.00-13.30 **Stavrou Ioanna G., Bokaris Efthymios P.**, The importance of the introduction of L.V. Brugnatelli's "Pharmacopea Generale" by Dionyssios Pyrros to the Greek-speaking regions in the beginning of the 19th century
- 13.30-14.30 BREAK
- 14.30-15.00 **Baralis Georgios**, The mathematical work of Dimitrios Govdelas and its influence on the education of the Greek-speaking regions in the meta-byzantine era
- 15.00-15.30 **Magi Vahur**, University as Technological Knowledge Disseminator in Estonia
- 15.30-16.00 **Reininger Alice**, Two hydraulic machines for Schönbrunn Palace 1780 – 1782
- 16.00-16.30 **Buning Marius**, Travelling Inventors. Practical knowledge in European centres of power
- 16.30-17.00 **De Young Gregg**, 19th Century translations of European mathematical textbooks into eastern Mediterranean vernaculars: Cosmopolitanism versus colonialism
- 17.00-17.30 BREAK
- 17.30-18.00 **Terdimou Maria**, The unsolved equation: Mathematics at the University of Athens during the 19th century.
- 18.00-18.30 **Sanchez Antonio**, Pattern, compass and map: standardization of the cartographic representation in early modern Iberian world Middle Ages and Renaissance
- 18.30-19.00 **Lauginie Pierre, Le Noxaoc Armand, Bendaoud Mohamed**, A contribution of the replication method to some controversial experiments of the XVIIth century
- 19.00-19.30 **Castillo Manuel**, Sevillian science and the first scientific revolution
- 19.30-20.00 **Schirmacher Arne**, From local student groups to information networks of scientific corporations. Scientific socialization in 19th and 20<sup>th</sup> century Germany.
- 20.00-20.30 **Poreau Brice**, Commensalism in the emergence of ecology

### National Hellenic Research Foundation – Main Hall

20.45 Well Come Reception



## Friday, 2 November

### NHRF - National Hellenic Research Foundation – Lecture Room ZERVAS

09.30-10.30 **Plenary Lecture: Robert Halleux**, Cosmopolitan education and training of the engineers in the 18th and 19th Centuries

#### **SY21 - Scientific archives, unpublished manuscripts in private or public corpuses: historiographical and methodological approaches.**

- 11.00-11.30 **Ricardo Lopes Coelho**, Hertz's Mechanics and Schrödinger's equation by means of Schrödinger's manuscript "On Hertz's Mechanics and Einstein's Theory of Gravitation"
- 11.30-12.00 **Svitlana Kolomiyets**, Meteor archives of the post-Soviet states
- 12.00-12.30 **Ekaterina Basargina**, The Kunstkamera's Archive: an Attempt of Historical Reconstruction of its Earliest Collections
- 12.30-13.00 **Aleksandra Majstorac-Kobiljski**, Finding a place to sit
- 13.00-13.30 **Giovanni Battimelli**, Against their own recollections: archival evidence versus community folklore in 20th century Italian physics
- 13.30-14.30 BREAK

#### **SY7 - Exact sciences in Habsburg Monarchy in 18th century (on 300th anniversary of Boscovich's birthday)**

- 14.30-15.00 **Stanislav Juznic**, Boscovich's North Italian Predecessors and his Followers in Ljubljana
- 15.00-15.30 **Marco Martin**, "Ruggero Giuseppe Boscovich and his Giornale di un viaggio da Costantinopoli in Polonia". A travel diary through Eastern Europe with original scientific observations
- 15.30-16.00 **Bruno Besser, Joseph Liesganig** – astronomer by education, passionate surveyor in Austrian-Hungarian Empire
- 16.00-16.30 **Max Lippitsch**, The problem of inertia in the work of Leopold Biwald
- 16.30-17.00 **Ivica Martinovic**, The Reception of Boscovich's Natural Philosophy at Croatian Philosophical Schools from 1770 to 1834
- 17.00-17.30 BREAK
- 17.30-18.00 **Arcangelo Rossi**, From Boscovich to Faraday
- 18.00-18.30 **Dragoslav Stoilkovic**, Role of Boscovich's theory in modern physics and chemistry
- 18.30-19.00 **Daniele Macuglia**, Scientific Cosmopolitanism in Boscovich's Collected Works and Correspondence
- 19.00-19.30 **Barbara Villone**, The Boscovichean concepts of space and time in the Supplements to Philosophiae Naturalis Theoria
- 20.00 Neuenschwander Prize ceremony

### NHRF - National Hellenic Research Foundation – Lecture Room 1

**SY8 - From cameralism and natural philosophy to applied biology: agriculture and science in the 19th-20th centuries**



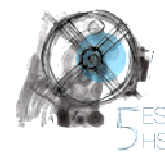


- 10.30-11.00 **Staffan Mueller-Wille**, Revisiting the history of the life sciences in the long 19th century
- 11.00-11.30 **Alda Heizer**, Between the coast and the “Sertao”. The naturalist travel of Auguste de Saint- Hilaire and the integration politics of the southeast of Brazil at the beginning of the XIX century
- 11.30-12.00 **Marina Loskutova**, Mapping and planting forests in the early 19th century Russia: Russian forestry between economic considerations and environmental concerns
- 12.00-12.30 **Jiřv Sekerak**, Gregor Mendel between Naturphilosophie and Positivism
- 12.30-13.00 **Natalia Beregoi**, Inoculation of cattle plague in Russia: the case between veterinary practices and new laboratory science, 1800-1900
- 13.00-13.30 **Jan Arend**, Soil as a natural resource – transfer and conflict of scientific concepts between Germany and Russia (1840-1910)
- 13.30-14.30 BREAK
- 14.30-15.00 **Denis Diagre**, From "pure" science to practical science: the difficult journey of the Belgian State Botanic Garden (1870-1914)
- 15.00-15.30 **Anastasia Fedotova**, The “Special Expedition” and the making of experimental forestry in southern Russia in the 1890s
- 15.30-16.00 **Izabela Krzeptowska-Moszkowicz, Łukasz Moszkowicz**, Outline of the plant physiology development in the second part of XIX century and the first part of XX century in Poland
- 16.00-16.30 **Jonathan Oldfield**, Conceptualisations of natural physical systems and natural resources amongst Russian geographers during the late tsarist period
- 16.30-17.00 **Kevin Armitage**, “The Real Solution to the Agricultural Problem”: Nature as Culture in Land Grant University Outreach Programs, 1887-1915
- 17.00-17.30 BREAK
- 17.30-18.00 **Anna Samokish**, Natural Science and Agrobiology in Soviet Secondary Schools (1918-1933)
- 18.00-18.30 **Eduard Kolchinsky, Nikolai Vavilov**: unity of theory, practice and politics (commemorating 120 anniversary of a great traveller and biologist)
- 18.30-19.00 **Denis Shaw**, Science and Environmental Control: Soviet Geographers and the Great Stalin Plan for the Transformation of Nature, 1948-1953
- 19.00-19.30 **Hanne De Winter**, The Birth of Rational Fertilization: the Establishment of the Soil Service of Belgium (SSB) in 1946

#### **NHRF - National Hellenic Research Foundation – Lecture Room 2**

##### **SY6 - Engineers, Circulation of Knowledge, and the Construction of Imperial and Post-Imperial Spaces (18th- 20th century)**

- 10.30-11.00 **Dmitri Gouzevitch**, The Rise of the State Technical Corps and the Building of Imperial Technical Regime in Russia
- 11.00-11.30 **Silvia Figueiroa**, Engineers for the Brazilian Empire
- 11.30-12.00 **Jaime Parada**, Describe to Design. A comparative analysis of two models of technical reports for the development of public works in the transition from colony to republic. Chile, 1780-1850
- 12.00-12.30 **Andrzej Wojcik**, On the boundaries of systems and countries - Jozef Cieszkowski’s contribution to the development of european mining
- 12.30-13.00 **Alexandre Kostov**, Engineers and Circulation of Knowledge - the case of Ottoman Empire and Bulgaria (1860-1914)



- 13.00-14.00 BREAK
- 14.00-14.30 **Cemil Ozan Ceyhan**, Evolution of education programmes of Engineering Schools during the formation of modernity from Ottoman to Republican Period of Turkey
- 14.00-15.00 **Francisco A. Gonzalez Redondo**, Spanish engineers and the regeneration of a peripheral european country after the 'disaster of 1898'
- 15.00-15.30 **Maria Paula Diogo**, From Railways to Politics: The Portuguese Pink Map Project and the British Empire
- 15.30-16.00 **Ulas Aysal Cin**, Saving the Empire: Attitudes of Ottoman Engineers and Officials towards Foreign Investment and Modernization of Public Works during the Electrification of Istanbul
- 16.00-16.30 **Roberto dos Santos**, Ferroconcrete and the professional regulation of architects and engineers in Brazil
- 16.30-17.00 BREAK
- 17.00-17.30 **Jiri Janac**, Hydraulic engineers of Czech ethnicity between the Empire, the Nation and the Third Reich
- 17.30-18.00 **Felicitas Seebacher**, "Science - for the Glory of the German People". Construction and Destruction of Scientific Cosmopolitanism by National Ideologies at the Academy of Sciences in Vienna
- 18.00-18.30 **Darina Martykanova, Ana Cardoso de Matos, Irina Gouzvitch**, Engineers, Circulation of Knowledge, and the Construction of Imperial and Post-Imperial Spaces (18th- 20th century). A Theoretical Approximation

#### MARASLEIOS – Lecture Room 1

##### SY29 - The scientific culture of medieval Jews: facts and questions

- 11.00-11.30 **Josefina Rodriguez Arribas**, Hebrew Manuscripts on the Astrolabe: a Preliminary Overview
- 11.30-12.00 **Y Tzvi Langermann**, Abraham Bar Hiyya's Megilat ha-Megalleh: An Early Integration of Philosophy, Astrology, and Theology
- 12.00-12.30 **Shlomo Sela**, Abraham Ibn Ezra and the Astrolabe
- 12.30-13.00 **Charles Burnett**, Abraham Ibn Ezra's Latin-Reading Pupils
- 13.00-14.00 BREAK
- 14.00-14.30 **Sreeramula Sarma**, Asturl bb and Yantrar bja: Two Parallel Traditions of the Astrolabe in India
- 14.30-15.00 **Ilana Wartenberg**, Mathematical Elements in the Jewish Calendar

#### MARASLEIOS – Lecture Room 1

##### SY25 - The next science of humankind. Myths and histories of the Neurosciences

- 15.30-16.00 **Anna Perlina**, Deconstructing the Science of Mind: Interdisciplinary Roots of Neurosciences at the Example of Gestalt Psychology in the Weimar Academic Culture
- 16.00-16.30 **Fabio de Sio**, Doctrinal disputations. Brain, the unicity of man and the origin of the neurosciences
- 16.30-17.00 **Marjorie Lorch**, Glimpses of early cognitive neuroscience
- 17.00-17.30 **Cornelius Borck**, Local Currents in Transnational Mediation
- 17.30-18.00 BREAK



- 18.00-18.30 **Max Stadler**, Of Peripheral Things. Or: de-centring the brain in the story of neuroscience
- 18.30-19.00 **Marek Havlik**, “Paradigms” and “Too Soon Ideas” in the history of neuroscience
- 19.00-19.30 **Brian Casey**, “Promissory Materialism” and the Limits of the Neurosciences
- 19.30-20.00 **Alexandra Grieser**, “Revelatory brains and redemptive knowledge” – Towards a connected history of religious and scientific imagination in the neurosciences

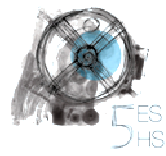
### MARASLEIOS – Lecture Room 2

#### **SY14 - History of Slavic Science – Cultural Interferences, Historical Perspectives and Personal Contributions**

- 11.00-11.30 **Dmitriy Shcheglov, Antonin Wurm**, a student of ancient geography
- 11.30-12.00 **Elena Krasikova**, F. I. Jankovic d’Mirievo - director of Saint-Petersburg Major Public School
- 12.00-12.30 **Dragoljub Cucic, Aleksandar S. Nikolić, Bratislav Stojiljkov**, Friendship between Nikola Tesla & Mark Twain
- 12.30-13.00 **Christa Hammerl**, Victor Conrad and his interrelation to Slavic Science and Scientists
- 13.00-13.30 **Aleksandar Petrovic**, Hidden Cycles of the Revolution - Milankovic, Wegener and the New Earth Sciences
- 13.30-14.30 BREAK
- 14.30-15.00 **Milada Sekyrkova**, Slavonians between Non-Slavonians. (Infancy of the School of Slavonic and East European Studies in London)
- 15.00-15.30 **Boris Ivanov**, Scientific activity of Bulgarian S.N.Vankov in Russia and the USSR
- 15.30-16.00 **Danko Kamcevski**, Art and Literature in the Context of Slavic Science
- 16.00-16.30 **Gabriela Eugenia Iacobescu**, Russian influences on Physics education and research in Romania after the Second World War: a case study on the Joint Institute for Nuclear Research, Dubna
- 16.30-17.00 **Tomislav Petkovic**, The Achievements of F. Patricius and R. Boscovich to the Notion of Force in the Philosophy of Nature
- 17.00-17.30 **Galina Smagina**, Portraits in historical context: the Princess Ekaterina Romanovna Dashkova and Mikhail Vasil’evich Lomonosov.
- 17.30-18.00 BREAK
- 18.00-18.30 **Irina Sokolova**, Inspired by Russia: Leibniz’s ideas about the organization of science in Saint- Petersburg
- 18.30-19.00 **Jussi-Pekka Hakkarainen**, The International Networks of Finnish Slavists and the Re-establishing the International Scientific Relationships with Russia in 1921-1923
- 19.00-19.30 **Vladimir Sobolev**, The Russian Academy and the rise of Slavic studies in Russia
- 19.30-20.00 **Diana Saveleva**, Serbian theologian and philosopher Vladyka Nikolai (Velimirovich): returning the lost legacy

### MARASLEIOS – Lecture Room 3

#### **SY12 - History and Historical Epistemology Of Science. Conceptual Streams and Mathematical Physical Objects in the Emergency Of Newton’s Science**



- 11.00-11.30 **Paolo Bussotti**, The mathematics of Newton's Principia and its influence on Newton's system of the world
- 11.30-12.00 **Ladislav Kvasz**, Newton as a Cartesian
- 12.00-12.30 **Jean Dhombres**, Can we reassert the influence of Mercator's Logarithmotechnia (1668) on the invention of Calculus by Newton and Leibniz
- 12.30-13.00 **Hylarie Kochiras**, Newton, Gravity, and the Mechanical Philosophy
- 13.00-13.30 **Raffaele Pisano**, On the historical epistemology of the Newtonian principle of inertia and Lazare Carnot's Premièrre Hypothèse
- 13.30-14.30 BREAK
- 14.30-15.00 **Erdmann Gorg**, The development of Newtonian Gravitation from Kant to Fries
- 15.00-15.30 **Maria Gentile**, The role of planning and analyzing experiments in elaborating a scientific theory. Historical reflections on "Optiks" by Newton
- 15.30-16.00 **Marie Vetrovcova**, Gauss' differential geometry as a heritage of Newtonian's science
- 16.00-16.30 **Danilo Capecchi**, Change of the Newtonian paradigm in the theory of elasticity of the nineteenth century
- 16.30-17.00 **Arnaud Mayrargue**, A few doubts and objections against Newton's system

#### MARASLEIOS – Lecture Room 4

##### SY23 - Scientific Expeditions: Local Practices and Cosmopolitan Discourses

- 11.00-11.30 **Marcel Chahrour**, A quest for desirable results: The Habsburg monarchy's sanitary mission to the Ottoman Empire in 1849
- 11.30-12.00 **Bernhard Fritscher**, Missing internationalisation: The Schlagintweit mission to India and High-Asia (1854-1857)
- 12.00-12.30 **Ulrike Spring**, Using Science to Negotiate Local and Global Identities: the receptions of Austro-Hungarian polar expeditions in 1874 and 1883
- 12.30-13.00 **Karin Roth**, The "business" of scientific expedition in the 19th century
- 13.00-13.30 **Barbara Bauer**, Organising expeditions to the North American Arctic in the 19th century: The practice of the British Navy and its consequences on the management of the ships as Total Institutions
- 13.30-14.30 BREAK
- 14.30-15.00 **Cláudia Castelo**, Anthropological Expeditions to Portuguese Timor: from biological to sociocultural approach; from national to international research
- 15.00-15.30 **Tatiana Yusupova**, Local and Global contexts of the Archaeological Discovery P. Kozlov's Expedition to Mongolia and Sichuan (1907–1909)
- 15.30-16.00 **Johannes Mattes**, Cave expeditions in the early 20th century: social hierarchy and the exclusivity of the first look
- 16.00-16.30 **Kari Myklebost**, Overcoming national ambitions. Norwegian-Russian cooperation in polar research expeditions, 1917-1939
- 16.30-17.00 **Peder Roberts**, Bathyscaphes and Big Science: Oceanography and Exploration, 1945-1960
- 17.00-17.30 **Teresa Salomé Mota**, It had to be us: the geological expedition to Goa made by the Portuguese Board for Colonial Research in 1960



### SY31 - Transnational Economic Science after World War II

- 18.00-18.30 **Catherine Herfeld**, Rational choice theory and its development: between psychological measurement and mathematical formalism
- 18.30-19.00 **Till Duppe**, The Coming Out of the Cowles Commission: Contextualizing the transnational origins of post-war economic science
- 19.00-19.30 **Gerald Thomas**, The Polemical Construction of an American Style of Scientific Policy Analysis
- 19.30-20.00 **Tiago Mata**, Modernism and vanguardism: Fortune magazine's first 30 years

### MARASLEIOS – Lecture Room 5

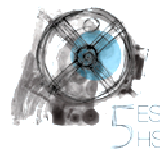
#### SY5 - Cultural Identity and Trans-Nationality in the History of Science

- 11.00-11.30 **Karine Chemla**, Towards a history of the historiography of circulation of knowledge
- 11.30-12.00 **Aleksandra Majstorac-Kobiljski**, Questioning the Transfer
- 12.00-12.30 **Grégory Dufaud, Larissa Zakharova**, Circulations and innovations in Soviet Union during interwar period
- 12.30-13.00 **Yves Cohen Ford**, Stalin, circulation areas and contact zones...
- 13.00-13.30 **Benedito Tadeu Oliveira**, The Fiocruz Minas -Brazil Heritage and Scientific Education Centre
- 13.30-14.30 BREAK
- 14.30-15.00 **Sergio Cirino**, Behavior analysis in Brazil in the 1960s: shaping the laboratory as a pedagogical tool
- 15.00-15.30 **Ryuma Shineha**, Beyond Orientalism: A case in the East Asian STS
- 15.30-16.00 **Kenji Ito**, "Samurai science" revisited: Modern science in Japan and its cultural origins
- 16.00-16.30 **Sulfikar Amir**, Colonizing the Underwater. Engineering and National Identity in Singapore
- 16.30-17.00 **Marco Stella**, Toman Petr, Layers of the past. Hrdlička museum of Man between trans-nationality and racial identity
- 17.00-17.30 BREAK
- 17.30-18.00 **Thomás Santoro Haddad**, Christian astronomy against the heathen: Remarks on Jacobo Fenicio's "Livro da Seita" (c. 1609)
- 18.00-18:30 **Fabihana Souza Mendes, Amilcar Baiardi, Alex Vieira dos Santos, Januzia Souza Mendes de Araújo, Wellington Gil Rodrigues**, Scientific cosmopolitanism and local cultures: reactions to symbols, icons and advancements of science in the The Reconcavo territory, Bahia, Brazil

### MARASLEIOS – Lecture Room 6

#### Scientific Session 3

- 11.00-11.30 **Elina Olga Y**, Between Local Practices and Global Knowledge: Public Initiatives in the Development of Agricultural Science in Russia, XIX-1920s
- 11.30-12.00 **Robert Thomas**, Wallace and Darwin on Man: a Limitation of Natural Selection?
- 12.00-12.30 **Toscana Maria, Petti Carmela**, FROM MYTH TO NATURAL HISTORY Civilization and knowledge of Nuovo Mondo in Naples between Natural Philosophy and geology



- 12.30-13.00 **Giannakopoulou Polyxeni**, Gaston Tissandier and the Greek translation of his work "Les Martyrs de la science"
- 13.00-13.30 **Svatek Petra**, "Scientific cosmopolitanism" and "Geography" in the Habsburg Empire during the 19th Century
- 13.30-14.00 **Bitsakis Yanis, Skordoulis Constantine D.**, Studying science, mathematics & technology with models of ancient mechanisms
- 14.00-14.30 BREAK
- 14.30-15.00 **Shirokova Vera Aleksandrovna, Chesnov Vasily M.**, A new historical approach to the study of ancient waterways of the European part of Russia
- 15.00-15.30 **Gamaliia Kateryna**, ADOLF ERMAN AND HIS PART IN DEVELOPMENT OF RUSSIAN ORIENTAL STUDIES
- 15.30-16.00 **El Gammal Blanche**, L'Orient Express, vecteur du cosmopolitisme technologique et culturel européen
- 16.00-16.30 **Lytvynko Alla S., Ponomarenko Lilia P.**, Youth conferences for science, technology and education as practical aspect of historical and scientific researches
- 16.30-17.00 **Kamisheva Ganka**, Elisabeth Kara-Michailova
- 17.00-17.30 **Lorenzano César**, The cousin ignored
- 17.30-18.00 BREAK
- 18.00-18.30 **Cornelis Gustaaf**, Global pressure, local opposition. Tendencies toward a human academic environment.
- 18.30-19.00 **Twohig Peter L.**, Culturing Expertise: Canadian Medical Laboratory Workers, 1950-1975
- 19.00-19.30 Mavrikaki Evangelia, Kapsala Nausica, Teaching biology by storytelling

#### MARASLEIOS – Lecture Room 7

##### Scientific Session 4

- 10.30-11.00 **Hernán Javier Matzkevich**, From Medieval Castille to Newtonian England: Theories of matter and space
- 11.00-11.30 **Maciąga Diana Eurydyka**, For the love of the land – wildlife conservation in reborn Poland.
- 11.30-12.00 **Fonseca Pedro Ricardo**, Pereira Ana Leonor, Pita João Rui, Images of Darwin in Portugal: a historical-iconographic study of the 19th and 20th centuries
- 12.00-12.30 **Pereira Ana Leonor**, Fonseca Pedro Ricardo, Pita João Rui, Portugal and the 20th century darwinian celebrations
- 12.30-13.00 **Zeller Peter**, Romanes: after Darwin, a new way of thinking
- 13.00-13.30 **Pita João Rui**, Fonseca Pedro Ricardo, Pereira Ana Leonor, The Botanical Garden of the University of Coimbra and the reception of Darwin in Portugal during the 19th century and early 20<sup>th</sup> century
- 13.30-14.00 BREAK
- 14.00-14.30 **Konashev Mikhail Borisovich**, The reception of Th. Dobzhansky's evolutionary concept in the USSR
- 14.30-15.00 **Hermann Tomas**, Creative Darwinism as Part of a Totalitarian Ideological Framework, and the Restructuring of Life Sciences in Czechoslovakia 1948-1959
- 15.00-15.30 **Hámpel Petr**, Marxist theory of evolution in Czechoslovakia as a case of 'anti-synthesis'. Vladimír J.A. Novák and the principle of sociogenesis.



- 15.30-16.00 **Rickiene Aurika**, The case of botanists in Lithuania during the lysenkoism period
- 16.00-16.30 **Braz Guilherme Gorgulho**, Compulsory isolation of leprosy in São Paulo: science, press and politics
- 16.30-17.00 **Kakampoura Rea, Katsadoros G.**, Social representations of folk healers in Mass Media: The case of Father Gymnasius
- 17.00-17.30 BREAK
- 17.30-18.00 **Strbanova Sona, Šimůnek Michal**, The Goals and Role of the Rockefeller Foundation Public Health Programs in Central and Eastern Europe between the two World Wars
- 18.00-18.30 **Shalimov Sergey Viktorovich**, The role of Novosibirsk scientific center in the revival of genetics in the Soviet Union in the «Thaw» years (1957–1964)
- 18.30-19.00 **Athanasίου Kyriacos, Katakos Efstratios, Papadopoulou Penelope, Stanissavljevic Jelena**, The type of religiosity as a factor influencing the acceptance or rejection of scientific theories: the case of evolution
- 19.00-19.30 **Ahmad Tarek Adnan**, Wound's Treatment ... Between the Cosmopolitan Need and the Cultural Influence

**University of Athens, Costis Palamas Building**

- 21.30 CONFERENCE DINNER

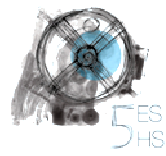
**Saturday, 3 November**

**NHRF - National Hellenic Research Foundation –ZERVAS Lecture Room**

- 9.00-10.00 **Plenary Lecture: Jurgen Renn**, Einstein as a Cosmopolitan
- 10.00-11.00 **Plenary Lecture: Fabio Bevilacqua**, Fifty years since Kuhn's Structure: Professionalization in a period without Tranquility

**SY22 - Scientific Cosmopolitanism**

- 11.00-11.30 **Isabel Malaquias**, A place to live, a recognition to attain – J. H. de Magellan and his friends Ribeiro Sanches and Jean Chevalier
- 11.30-12.0 **Gerhard Strasser**, Athanasius Kircher S.I.: A German Jesuit's Almost Involuntary Expatriation to Rome
- 12.00-12.30 **Peeter Mürsepp**, Epi Tohvri, Dawn of a New Enlightenment
- 12.30-13.00 **Charlotte Wahl**, The role of expatriates in the dissemination of Leibniz's differential calculus
- 13.00-13.30 **John Kougeas, George Vlahakis**, Stephen A. Ionides, a typical example of scientific cosmopolitanism
- 13.30-14.30 BREAK
- 14.30-15.00 **Vasileios Chrysikopoulos**, Remarkable Greeks in Egypt in the 19th and early 20th centuries. A case study
- 15.00-15.30 **Dieter Hoffmann, George Vlahakis**, Achilles Papapetrou (1907-1997): A Greek physicist's journey through Civil War and the Cold War
- 15.30-16.00 **Suzanne Débarbat**, Simone Dumont, Johann Karl Burckhardt, a German student from Gotha to Paris



- 16.00-16.30 BREAK  
16.30-17.00 **Rita Meyer-Spasche**, Oscar Buneman (1913 - 1993), Pioneer of Computational Plasma Physics  
17.00-17.30 **Erwin Neuenschwander**, Scientific Cosmopolitanism from a Swiss Perspective: Migration from and to Switzerland before and after World War II  
17.30-18.00 **Manolis Kartsonakis**, Scientific cosmopolitanism and loneliness in the work of Copernicus, Kepler and Tycho Brahe: Regressive routes for the interpretation of heavens  
18.30-20.30 ESHS Meeting

#### **NHRF - National Hellenic Research Foundation – Lecture Room 1**

##### **SY16 - Mathematical Courses in engineering education in the seventeenth and eighteenth century in the Iberian Peninsula**

- 11.00-11.30 **Antónia Conde**, The art of fortifying and the mathematical instruments: tradition and innovation in the training of military engineers in the seventeenth century in Portugal  
11.30-12.00 **M<sup>a</sup> Rosa Massa-Esteve, Antoni Roca-Rosell**, Contents and sources of Practical Geometry in Pedro Lucuce's course at the Barcelona Royal Military Academy of Mathematics  
12.00-12.30 **Maria Paula Pires dos Santos Diogo**, Traveling from the center to the periphery: Manuel de Azevedo Fortes and the renewal of Portuguese engineering education  
12.30-13.00 **Monica Blanco, Carles Puig-Pla**, Pedro Padilla and his Mathematical Course (1753-1756): Views on Mixed Mathematics in eighteenth-century Spain  
13.00-13.30 **Joaquim Berenguer**, The Mathematical Courses of Tomàs Cerdà in Eighteenth Century Spain  
13.30-14.30 BREAK  
14.30-15.00 **Francisco A. González Redondo**, Jorge Juan and the Institutionalisation of mathematics in Spain along 18th century  
15.00-15.30 **Antónia Fialho Conde, Ana Cardoso de Matos**, Bernard Forest de Bélidor and the circulation of knowledge in Europe during the 18th and beginning of the 19th century  
15.30-16.00 **Juan Navarro-Loidi**, Mathematical Course for the education of the Gentlemen Cadets of the Royal Military College of Artillery of Segovia  
16.00-16.30 **Helder Pinto**, The Mathematics in The Royal Academy of Navy and Trade Affairs of the City of Porto, the Predecessor of the Polytechnic Academy of Porto

#### **NHRF - National Hellenic Research Foundation – Lecture Room 2**

##### **SY24 - The Exact Sciences in the Eastern Mediterranean in the Modern and Contemporary Ages**

- 11.00-11.30 **Alessandra Fiocca**, Francesco Patrizi, humanist and scientist in the Late Renaissance  
11.30-12.00 **Paolo Freguglia**, Marinus Ghetaldus and Viète's 'ars analytica'



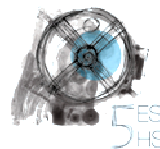


- 12.00-12.30 **Anastasia Tsigoni**, The contribution of the mercantile world to the spreading of Mathematical education in Ioannina during the period of the Ottoman occupation
- 12.30-13.00 **Luigi Pepe**, Boscovich as Mathematician and his Italian Pupils
- 13.00-13.30 **Maria Giulia Lugaresi**, Applied mathematics in Boscovich's papers
- 13.30-14.30 BREAK
- 14.30-15.00 **Maria Teresa Borgato**, River hydraulics in the Napoleonic Period: the role of Simone Stratico
- 15.00-15.30 **Elena Granuzzo**, Simone Stratico and Naval Science in Padua and Venice
- 15.30-16.00 **Christine Phili**, Les Mathématiques à l' Académie Ionienne
- 16.00-16.30 **Iolanda Nagliati**, Ottaviano Fabrizio Mossotti from Corfu to Pisa
- 16.30-17.00 **Serguei Demidov**, Mathematics in Odessa University in the last third of the XIX century in the international context
- 17.00-17.30 **Stefanos Geroulanos**, A major Greek contribution to the American War of Independence
- 17.30-18.00 **George Vlahakis**, Meteorology and Climatology in 19th century Greece
- 18.00-18.30 **Theodora Arampatzi**, "The end of the University of Smyrna project and its repercussion on Greek educational Institutions"

### MARASLEIOS – Lecture Room 1

#### SY15 - Humanities, mathematics and technics at Renaissance courts

- 11.00-11.30 **Pierre Caye**, Architectura est scientia La constitution du savoir architectural dans l'humanisme vénitien du cinquecento (de Fra Giocondo à Vincenzo Scamozzi)
- 11.30-12.00 **Martin Frank**, Mechanics, mathematics and architecture: Guidobaldo dal Monte at Urbino and Giovanni Battista Benedetti at Turin
- 12.00-12.30 **Giulia Giannini**, Federigo Bonaventura (1555-1602), Physics and the scientific context in the Duchy of Urbino between XVIth and XVII Century
- 12.30-13.00 **Elio Nenci**, A mathematician and scholar of ancient mechanics at court: Bernardino Baldi at Guastalla, Sabbioneta, Roma and Urbino
- 13.00-13.30 **Fabio Zanin**, How does the weight of a body change along an inclined plan? Tartaglia and Del Monte's answers, between technical problems and theoretical settlement
- 13.30-14.30 BREAK
- 14.30-15.00 **Pier Daniele Napolitani**, La riscoperta dei classici: umanisti, artisti, ingegneri (Rediscovering Classics: Humanists, Artists, Technicians)
- 15.00-15.30 **Veronica Gavagna**, The Euclidean tradition at the Renaissance courts: the case of Federico Commandino
- 15.30-16.00 **Paolo d'Alessandro**, La tradizione archimedeo nel corti umanistiche del Quattrocento (The Archimedean Tradition and the Humanistic Courts of Quattrocento)
- 16.00-16.30 **Pietro Omodeo**, Between Germany and Great Britain: Renaissance "Scientists" at Reformed Universities and Courts
- 16.30-17.00 BREAK
- 17.00-17.30 **Paolo Cavagnero**, Leonardo on hydrostatics: a research engineering approach?
- 17.30-18.00 **Michal Novotny**, The Way of the Schlick Family towards Silver Mining in Joachimsthal
- 18.00-18.30 **Jana Roztočilová**, Arithmetization of syllogistic



## MARASLEIOS – Lecture Room 2

### SY28 - The scientific cosmopolitanism as traced by astronomical instruments

- 11.30-12.00 **Michael Rappenglück**, Stone Age People Controlling Time and Space: Evidences for Measuring Instruments and Methods in Earlier Prehistory and the Roots of Mathematics, Astronomy, and Metrology
- 12.00-12.30 **Vance Tiede**, New Light on Stonehenge from Ancient Greeks
- 12.30-13.00 **Minas Tsikritsis, Efstratios Theodossiou, Vassilios N. Manimanis, Petros Mantarakis**, A Minoan Eclipse Calculator
- 13.00-13.30 **Xenophon Moussas**, New aspects of the Antikythera Mechanism: A complex astronomical clock (?) of the 2nd century BC, Lunar motion, planetary gear and Archimedes signature
- 13.30-14.30 BREAK
- 14.30-15.00 **Flora Vafea**, Technical evolution of Astrolabes through ages
- 15.00-15.30 **Panagiotis Papaspirou, Xenophon Moussas, Kostas Karamanos**, Comparison of Astronomical Instruments through the Ages
- 15.30-16.00 **Vitor Bonifácio, Isabel Malaquias, João Fernandes**, Costa Lobo's coup de foudre in the early years of solar astrophysics international co-operation
- 16.00-16.30 **Karin Lackner, Isolde Müller, Franz Kerschbaum, Thomas Posch**, Instrumental developments and acquisitions of the Viennese University Observatory in the international context of the 19th century
- 16.30-17.00 **Yunli Shi**, From “Instruments for Recreation” to Objects of Science: The Influence of European Optical Toys in China (1583-1840)

## MARASLEIOS – Lecture Room 4

### SY11 - Historical Narratives of Cold War Science

- 11.30-12.00 **Helena Durnova**, A Cold War science? Myths about computing in postwar Czechoslovakia
- 12.00-12.30 **John Krige**, Detente and the Changing Pattern of International Collaboration
- 12.30-13.00 **Simone Turchetti**, The atomic push: prospecting uranium and phosphates in the Spanish Sahara (1945-1975)
- 13.00-13.30 Stefano Salvia, The Pontecorvo Affaire Reappraised. Five Decades of Cold War Spy Stories (1950-1998)
- 13.30-14.30 BREAK

### SY30 - The Tools of Research and the Craft of History: On the Interaction between Historians, Their Tools, and the Creators of Those Tools

- 14.30-15.00 **Juozas Krikstopaitis**, Facts as a research instrumentality on the natural and historical studies
- 15.00-15.30 **Birute Railiene**, Institutionalisation of an open access – a new possibility for research. A survey of perception and demand
- 15.30-16.00 **Joseph Anderson**, Traditional Archives and the Economics of Open Access
- 16.00-16.30 **Ana Alfonso-Goldfarb, Márcia H.M. Ferraz, Silvia Waisse**, New perspectives on classification and methodology in history of sciences: theoretical and technological bases for the construction of adequate search instruments
- 16.30-17.00 BREAK



- 17.00-17.30 **Stephen Weldon**, The culture of research in history of science as seen through the transformations of the Isis Bibliography in the 20th and 21st centuries
- 17.30-18.00 **Gavan McCarthy**, Understanding shared common knowledge – exploring the intersections between context, records and data in the history of science

### MARASLEIOS – Lecture Room 5

#### SY9 - Gender and the cosmopolitan character of science

- 11.30-12.00 **Anne-Sophie Godfroy**, Cases of forced cosmopolitanism: Women academics and researchers in France during World War 2
- 12.00-12.30 **Barbara Mohr**, An unusual case: the role of Marlies Teichmüller (1914-2000) in internationalizing the field of coal petrology
- 12.30-13.00 **Milada Sekyrkova**, A Comparative Study of Lives of First Female University Graduates in Prague
- 13.00-13.30 **Annette Vogt**, Cosmopolitanism and science: Female and male scientists in exile between 1933 and 1945 - Or, how to become cosmopolitan?
- 13.30-14.30 BREAK

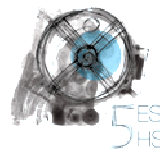
#### SY20 - Science and Scandal: Scientific Controversy in the Public Space

- 14.30-15.00 **Katalin Straner**, Monkeys, Magyars and Men of Science: The Carl Vogt Lectures in Pest, 1869
- 15.00-15.30 **Galina Krivosheina**, Scandals Around Moscow Scientific Exhibitions (second half of the 19th c.).
- 15.30-16.00 **Louise Miskell**, Scientists on the streets: British Association delegates and the urban populace in British provincial towns, 1831-1884.
- 16.00-16.30 **Paul Elliott**, Science, Conflict and the Victorian Urban Cemetery
- 16.30-17.00 **Rob Boddice**, Tyranny of Compassion? The Moral Economy of Vaccination in Britain, 1867-98
- 17.00-17.30 **Jan Surman**, “Austrian” Wahrmond Affaire and “Polish” Zimmermann Affaire: Configurations of scholarly peripheries and cities in the late Habsburg Empire between Cracow and Innsbruck
- 17.30-18.00 **Eric Johnson**, The Paris Commune and the Struggle for Darwinism

### MARASLEIOS – Lecture Room 6

#### Scientific Session 5

- 11.30-12.00 **Stefanidou Constantina, Skordoulis Constantine**, Lewis Wolpert: The Unnatural Nature of Science – Book Review
- 12.00-12.30 **Garrido Angel**, Yuste Piedad, History of Fuzzy Modeling
- 12.30-13.00 **Chesnov Vasily Mikhailovich**, Formation of space-based remote sensing: the political and military motives
- 13.00-13.30 **Arellano Nelson Escudero**, Four biographies in the history of industrial solar desalination. A century of pioneers (XIX-XX)
- 13.30-14.30 BREAK
- 14.30-15.00 **Rentetzi Maria**, Radium Economies in Early Twentieth Century U.S.
- 15.00-15.30 **Vondrášek Martin, Benda Libor, Havlík Marek**, Confronting the Unexpected: The Treatment of Anomalous Phenomena in Scientific Research
- 15.30-16.00 **Palladino Nicla**, Mathematical models between art and reality



- 16.00-16.30 **Kragh Helge**, Anomalies and the crisis of the Bohr-Sommerfeld atomic Theory  
16.30-17.00 BREAK  
17.00-17.30 **Chukova Yulia Petrovna**, New phase in history of the Weber - Fechner law  
17.30-18.00 **Kreitler Shulamith**, The past and the future of psychology: Students' Conceptions  
18.00-18.30 **Le Roux Ronan**, Did ideological, religious and nationalistic factors contribute to make postwar France a rough place for cybernetic modelling?

### MARASLEIOS – Lecture Room 7

#### Scientific Session 6

- 11.30-12.00 **Koltachykhina Elena**, The history of ideas "The optical disc as a 'unique' carrier of information in the systems management"  
12.00-12.30 **Zhao Hui Yang, Shu Wang, Yan Liu**, The Movement of Hunan Students studying abroad in Japan and the Progress of Chinese Ordnance Technology in the Early 20th Century  
12.30-13.00 **Lekka Alexandra, Skordoulis Constantine**, Computing Machines in Greece 1920-1980  
13.00-13.30 **Fet Yakov Ilich**, History of Russian Computer Science  
13.30-14.30 BREAK  
14.30-15.00 **Bruneau Olivier, Laubé S., Chambon G., Guedj M., Laroche F., Kerouanton J.L., Kowalski J.M., Walter S., Couchet P., Garlatti S., Kanellos I., Tirard S., Gilliot Jean-Marie, Rebaï Issam, Briée Céline, Bächthold Manuel**, Ontologies and semantic web: New topics of research for historians of science and Technology  
15:00-15: 30 **Christodoulou Demetra**, Two German philosophers of mathematics, two epistemological traditions: Frege and Weyl on the method of abstraction  
15.30-16.00 **Skoufoglou Emmanouil Stylianos**, D. Pikionis and A. Konstandinidis: The introduction of modern architecture and modern building technology in Greece and the criterion of "greekness"  
16.00-16.30 **Benda Libor**, To Bridge the Gap between the Two Cultures: A Social Pre-History of the Strong Program in the Sociology of Knowledge  
  
16.30-17.00 BREAK  
17.00-17.30 **Shleeva Marina**, Museums for the History of Science and Technology of the USSR on the background of European museology  
17.30-18.00 **Jullien Vincent**, Relativité, déterminatio et parallaxe, remarques sur le traitement cartésien de trois controverses scientifiques  
18.00-18.30 **Spyrtou Anna, Lavonen J., Zoupidis A., Meisalo V., Pnevmatikos D., Kariotoglou P.**, Transfer of an inquiry primary science teaching module from Greece to Finland: teaching a control of variables strategy