

ESHS 2020 Bologna Conference

List of Thematic Sessions

T1 - Sciences and Visual Arts

3 September, 13.45 - 15.45 (room 7)

Chair: Koen Vermeir (French National Centre for Scientific Research - CNRS, France)

1 - Antoni Roca-Rosell (Polytechnic University of Catalunya, Spain), *Teaching of drawing in the 18th century in France and Spain and the beginnings of technical education*

2 - Alberto Vianelli (University of Insubria, Italy), *From unique artworks to public reproductions in a scientific journal: the vélins and the first years of the Annales du Muséum d'Histoire Naturelle*

3 - Nelson Arellano-Escudero (University Academia Humanismo Cristiano, Chile), *TSolar techs visual representations: science, technology and the governance of social value (1816-1976)*

4 - Xavier Calvó-Monreal (Catalan Society for The History of Science and Technology, Spain), *The unknown work of art and the consolidation of a research group: The Department of Macromolecular Chemistry, according to Jordi Maragall i Mira*

5 - Maria Concetta Calabrese (University of Catania, Italy), *The Scientific Collection of Antonio Ruffo: Scientific Objects, Art Commissioning, and Material Culture in Early Modern Messina*

T2 - Galileian Studies

2 September, 13.50 - 15.10 (room 5)

Chair: Helge Kragh (University of Copenhagen, Denmark)

1 - Filip A. A. Buyse (Domus Comeliana, Italy), *Galileo and the Transformation of Sensory Qualities: from Intrinsic Properties to Extrinsic Qualities*

2 - Hannah Tomczyk (University of Cambridge, UK), *Making the mathematization of velocity useful*

3 - Cesare Pastorino (Technical University Berlin, Germany), *Collecting Material Evidence from Mathematical Instruments: The Case of Johannes Kepler's use of Galileo Galilei's Compasso Geometrico e Militare as a Source of Experimental Data*

T3 - Mathematics, Education and Arts

1 September, 11.15 - 13.15 (room 9)

Chair: Matteo Martelli (University of Bologna, Italy)

1 - Mao Dan (Shanghai Jiaotong University, China), *Correlation between Failures of Mathematical Sciences and Their Roles in Education: Comparing Hellenistic-Principate Period and Renaissance*

2 - Matteo Torre (Liceo Scientifico L.B. Alberti, Italy), *Symmetries and asymmetries: a path through the history of physics, mathematics and art*

3 - Loredana Biacino (University of Naples, Italy), *Relationship between abstractionism in the arts and in mathematics at the beginning of the 20th century*

4 - ~~Maria Rosaria Enea (University of Basilicata, Italy) & Riccardo Rosso (University of Pavia, Italy), *Preparing A Generation Of Young Mathematicians*~~

T4 - Museums and Collections

1 September, 9.00 - 11.00 (room 1)

Chair: Elena Canadelli (University of Padua, Italy)

1 - Daria D. Novgorodova (Russian Academy of Sciences, Russia), *Pietra Dura Mosaic As A Mineralogical Object In The 18th Century Russian Collections*

2 - Galina Krivosheina (Russian Academy of Sciences, Russia), *Popularization of Science Through Visual Patterns: The 19th Century Moscow Scientific Exhibitions*

3 - Miriam Focaccia (Historical Museum of Physics, Center Enrico Fermi, Italy), *The new Museum of Physics dedicated to Enrico Fermi and the role of place in engagement with science*

4 - Pedro J. Enrech Casaleiro (University of Coimbra, Portugal), Nuno Peixinho, Ana Lourenço & Teresa Barata, *Astronomical visual and material culture: Reviving the University of Coimbra Observatory*

5 - Cristina Luís (University of Lisbon, Portugal), *Historical Biocollections. A time travel through Citizen Science in Portugal*

T5 - Scientific Institutions

3 September, 11.15 - 13.15 (room 4)

Chair: Clara Florensa (Nacional Autonomous University of Barcelona, Spain)

1 - Victor Kupriyanov (Russian Academy of Sciences, Russia), *Science, society and political power in G.W.F. Leibniz's projects of the organization of science*

2 - Carlos Fernando Teixeira Alves (University of Lisbon, Portugal), *The introduction of chemistry (and the new discoveries) in two catholic universities in Southern Europe. The case of Salamanca and Coimbra at second half of the 18th century*

3 - Sandra Klos (Austrian Academy of Sciences, Austria), *'To see with your own eyes': Travelling and boundary work in personal CVs of members of the Academy of Sciences in Vienna (late 19th century)*

4 - Anna V. Samokish (Russian Academy of Sciences, Russia), *The specifics of communication of the scientific and pedagogical community of Petrograd in the minutes of the meeting of the Society for the Dissemination of Natural History Education*

~~5 - Vitor Bonifácio (University of Aveiro, Portugal), *The early years of the Portuguese Association for the Advancement of Science (1917–21)*~~

T6 - Zoology and Entomology

2 September, 13.50 - 15.10 (room 11)

Chair: Mitchell Ash (University of Vienna, Austria)

1 - Cecilia Veracini (University of Lisbon, Portugal), *Portuguese trade of non-human animals in the Age of Discovery (15th-16th C.)*

2 - Nadezhda Slepikova (Zoological institute RAS, Russia), *Zoology in the space of Eurasia: how the Zoological museum in St. Petersburg became a largest center for taxonomic research in Russian Empire*

3 - Tom Quick (University of Manchester, UK), *Purifying the Therapeutic Maggot in Interwar America: Efficiency, Purity, and the Genealogy of Antibiotics*

T7 - Sciences and New Worlds

3 September, 9.00 - 11.00 (room 4)

Chair: Luca Tonetti (University of Bologna, Italy)

1 - Gianamar Giovannetti-Singh (University of Cambridge, UK), *Archaeology, Astronomy, or Hermeneutics? The Jesuit China mission and different ways of knowing the deep past in Europe*

2 - Dimitri Bayuk (Financial University Moscow, Russia), *Imperial Border Visualised, or Cognitive Compensation for the Defeat at Nerchinsk*

3 - Tracy Wietecha (Leopoldina National Academy of Science, Germany), *German Scientists, their Observations, and Institutional Ties to the New World in the Seventeenth Century*

4 - Inês Gomes & Dulce Freire (University of Coimbra, Portugal), *Paving the way for integrated research in the history of science and the rural history: seeds and travels between the Iberian Peninsula and the New World*

T8 - Medical Displacements

3 September, 13.45 - 15.45 (room 11)

Chair: Elaine Leong (University College London, UK)

1 - Valentina Pugliano (Massachusetts Institute of Technology, USA), *Onorio Belli (1550-1603), Prospero Alpino (1553-1617) and Venice's Levantine Doctors: A Forgotten Network of Knowledge in the Eastern Mediterranean World*

2 - Elisabeth Hsu (University of Oxford, UK), *Visualisations of tactility in Chinese pulse diagnostics*

3 - Yijie Huang (St Catharine's College Cambridge, UK), *How to clarify touch? Literal idioms, numbers and their relationship in John Floyer's (1649-1734) pulse diagnostics*

4 - Chen Wei (Chinese Academy of Sciences, China), *The Road of Adulterated Herbs: the intercultural comparison of true knowledge about false things*

5 - Yiwei Yan (Chinese Academy of Sciences, China), *Tools and Practice of "Cutting": Surgical instruments brought to China by 19th-century medical missionaries*

T9 - Renaissance and Early Modern Medicine

3 September, 13.45 - 15.45 (room 2)

Sponsored by SISUMed - Società Italiana di Scienze Umane in Medicina (Italian Society of Humanities in Medicine)

Chair: Maria Conforti (Sapienza Università di Roma, Italy)

1 - Viktoria von Hoffmann (University of Liège, Belgium), *Vidi et Tetigi. Touch, Sight, and Anatomical Experience of the Body in Renaissance Italy*

2 - Ariella Minden (Kunsthistorisches Institut Florence, Italy), *Creating the Scientific Image: The Case of Berengario da Carpi's Isagoge Breves (1523)*

3 - Joana Balsa de Pinho (University of Lisbon, Portugal), *Renaissance hospitals in Portugal: from visual to material culture of science*

4 - Barbara Di Gennaro (Yale University, USA), *The Materiality of Theriac in Seventeenth-Century Bologna Standardizing Compounds through Sensory Evaluation*

T10 - Supernatural and Criminology

2 September, 9.00 - 11.00 (room 3)

Chair: Monica Azzolini (University of Bologna, Italy)

1 - Eva Yampolsky (University of Lausanne, Switzerland), *The materiality of the supernatural: the pharmacological function of relics in the miraculous healings at Saint-Médard in 18th century France*

2 - Francesco Paolo de Ceglia (University of Bari, Italy), *Criminals, saints and some vampires. The natural, the preternatural and the supernatural in the different early modern European cultural contexts*

3 - Andrea Graus (French National Centre for Scientific Research - CNRS, France), *Scientific demonstrations and the commodification of child prodigies in Paris*

4 - Lara Bergers (Utrecht University, Netherlands), *Smelling a Rat. The Use of the Senses in 20th Century Dutch Criminal Investigations and Trials*

5 - Fabio Frisino (University of Bari, Italy), *Tarantism: a Psychiatric Controversy in the Twentieth Century*

T11 - Modern Biomedicine

2 September, 9.00 - 11.00 (room 7)

Chair: Maria Conforti (University of Rome La Sapienza, Italy)

1 - Janina Wellmann (Leuphana University Lüneburg, Germany), *Visualizing Morphogenesis: The Art of Moving in Biology*

2 - Enrique Wulff (Institute of Marine Sciences of Andalucía, Spain), *Visualizing data with professor Tsugita: a history within distinct macromolecular classes*

3 - Anne van Veen (Utrecht University, Netherlands), *Sensing Suffering*

4 - Shiori Nosaka (EHESS Paris, France), *An unification of the world by vaccination: a case of Germany and Japan at the turn of the 20th century*

T12 - Medicine and Society

1 September, 13.45 - 15.45 (room 3)

Chair: Marco Bresadola (University of Ferrara, Italy)

1 - Elisabeth M. Yang (Rutgers University, USA), *Constructing the Moral Infant in American Medical and Scientific Discourse, 1850s-1920s*

2 - Carlo Bovolo (University of Piemonte Orientale, Italy), *Catholics towards Eugenics in the First Half of 20th Century*

3 - Fedir Razumenko (University of Calgary, Canada), *Cancer 'Epidemic', Quackery, Innovation, and Justice in Canada: how 'strangers' began approaching the bedside in the mid-twentieth century*

4 - Dolores Steinman & David A. Steinman (University of Toronto, Canada), *Reassessing Medical Exploration of Blood Flow Patterns*

T13 - Medicine and Technology

2 September, 13.50 - 15.10 (room 2)

Chair: Paolo Savoia (University of Bologna, Italy)

1 - Hanna Vikström (Umeå University, Sweden), *Who decides what should be in a decayed tooth? Dental filling materials, science and debates, 1860-1880*

2 - Srijita C. Pal (University of Southern California, USA), *Visualizing Medical Transport: The Myth and Reality of First World War Ambulance Journeys*

3 - John Nott* & Anna Harris (Maastricht University, Netherlands), *Knowing the normal, learning disease: technology, sensorality and the student body*

T14 - Chemistry

2 September, 9.00 - 11.00 (room 11)

Sponsored by GNFS - Gruppo Nazionale Fondamenti e Storia della Chimica (Italian Group on the History of Chemistry)

Chair: Brigitte Van Tiggelen (Mémosciences, Belgium)

1 - Paolo Zani (University of Bologna, Italy), *Chemistry As A New Science Of XVIII Century: How Was Its Visual Communication In The Printed Texts Present In Bologna ?*

2 - Marco Taddia (University of Bologna, Italy), *Nernst's controversial contribution to the theory of electrochemical cells*

3 - Antonio Martino* & Gaia Naponiello (University of Roma Tre, Italy), *A sensory and a mimesis approach in the history of chemistry education: Ostwald's Conversations on chemistry*

4 - Elena A. Baum (Moscow State University, Russia), *Educational innovations of the Chemical Faculty of Moscow State University (MSU): the using of museum funds for a practice-oriented teaching of history of chemistry*

5 - Stylianos Kampouridis (National and Kapodistrian University of Athens, Greece), *Modeling molecules, making reliable predictions: John A. Pople and Theoretical Model Chemistry*

T15 - Scientific Communication

3 September, 9.00 - 11.00 (room 10)

Chair: Francesco Paolo De Ceglia (University of Bari, Italy)

1 - Hugo Silveira Pereira (Nova University of Lisbon & University of Évora, Portugal), *"Progress" and the illustrated press in Portugal (1878-1914)*

2 - Evgeniya A. Dolgova (Russian State University for the Humanities, Russia), *From cultural to popular-science films: popularization practices of scientific knowledge in the 1920-1930s*

3 - Antoni Malet (University Pompeu Fabra, Spain), *The Public Image of Science in Francoist Spain, 1939-1959*

4 - Nicolas Rasmussen (University of New South Wales, Australia), *Picturing Prescription: Scientific Rationale and Visual Representation in Pharmaceutical Advertising since the Second World War*

5 - Giulia Bovone (Italian Academy of History of Pharmacy, Italy), *"I treat them like dinosaurs" the unwritten history of pharmacy hidden in the design of vintage pharmaceutical boxes and bottles*

T16 - Environmental studies

2 September, 11.15 - 13.15 (room 6)

Chair: Andrea Candela (University of Insubria, Italy)

1 - Fiona Amery (University of Cambridge, UK), *Colour Perception and Audibility: Sensing the Aurora Borealis During the Second International Polar Year, 1932-1933*

2 - Andrey Vinogradov (Rachel Carson Center for Environment and Society, Germany), *Fish vs. Oil: struggle with pollution of Caspian and Volga waterways (1870-1931)*

3 - Stathis Arapostathis (National and Kapodistrian University of Athens, Greece), *Expertising Greece: Science Advice, Pollution and State formation, 1980-2020*

4 - Gemma Cirac-Claveras (University Pompeu Fabra, Spain), *Re-imagining the space age. Aircraft, fieldwork and satellites*

5 - Sofia Varino (Potsdam University, Germany), *An Unnatural History of Gaia Theory According to James Lovelock & Lynn Margulis*

T17 - Cartography

2 September, 9.00 - 11.00 (room 5)

Chair: Matthieu Husson (Paris Observatory, France)

1 - Chiara D'Agostini (University of Southern Denmark, Denmark), *A multisensory approach to cartography. The case of Planudes' rediscovery of Ptolemy's Geography*

2 - Friederike Frenzel (Technical University of Dresden, Germany), *About the Sensuality and Sensibility of Charts Flattening the Earth while Circumnavigating the Globe with James Cook*

3 - Oyndrila Sarkar (Presidency University Kolkata, India), *Maps & Manuals: Visual Cartography in the Indian subcontinent 1820-1890*

4 - Lachlan Fleetwood (University College Dublin, Ireland), *'The Snow-line and the Arid-line': Attempts to Scientifically Define and Visualise the Limits of Habitability in Imperial Maps and Gazetteers of Central Asia*

T18 - Earth Sciences and Geography

2 September, 9.00 - 11.00 (room 8)

Chair: Ezio Vaccari (University of Insubria, Italy)

1 - Elena Zanoni (University of Verona, Italy), *"The best triumph of our century" : big alpine tunnels and popularisation*

2 - Nikolai Dronin (Moscow State University, Russia), Nataliya Kalutskova, Vladimir Dekhnich & Elina Sheremet, *History Of Scenery Studies In Russian Geography*

3 - Giancarlo Scalera (INGV Rome, Italy), *Variable radius cartography - History and perspectives*

4 - Iraklis Katsaloulis (National and Kapodistrian University of Athens, Greece), *Predicting earthquakes with electric signals: Experiment and Credibility*

5 - Sandra Rebok (NCIS, Germany), *Humboldtian Science in the United States: Bridging the arts and the sciences*

T19 - Scientific Education

3 September, 11.15 - 13.15 (room 9)

Chair: Simone Turchetti (University of Manchester, UK)

1 - Robert Middeke-Conlin (University of Copenhagen, Denmark), *Education and professional practice in the Old Babylonian city of Lagaba*

2 - Ilaria Ampollini (University of Trento, Italy), *Science-themed board games and card decks in the Modern Age*

3 - Rosanna Evans (University of Leeds, UK) *Problem solving: hand- and home-made objects in the Science Museum's English school science teaching collections, 1944-1988*

4 - Isabel Malaquias & João Oliveira (University of Aveiro, Portugal), *Thinking outside the immediate sensory box: cathodic rays and X-rays*

5 - Christian Sammer (University of Heidelberg, Germany), *Health on Display: Clarity Lost and Regained in German Health Education Exhibitions during the 20th Century*

T20 - Nuclear Energy and Particles Physics

2 September, 11.15 - 13.15 (room 5)

Chair: Fabio Bevilacqua (University of Pavia, Italy)

1 - Eleonora Loiodice (University of Bari, Italy), *The importance of prevention: MIT scientists' idea of "life belts" around the cities in 1950*

2 - Polina Petrukhina (Lomonosov Moscow State University, Russia), *High-energy physics laboratory case study: the changing role of material culture*

3 - Daniela Monaldi (York University, Canada), *The Statistical Style of Reasoning and the Invention of Bose-Einstein Statistics*

4 - Hein Brookhuis (KU Leuven, Belgium), *Making MYRRHA: a techno-political history at SCK CEN 1995-2020*

5 - Rocco Gaudenzi (Max Planck Institute for the History of Science Berlin, Germany), *Analogies as visual tools in nuclear and particle physics*

T21 - Scientific Instruments

2 September, 15.25 - 16.45 (room 5)

Chair: Lucio Fregonese (University of Pavia, Italy)

1 - Henk Kubbinga (University of Groningen, Netherlands), *Nicolaus Mulerius and his Academy-Portrait: Copernicanism in the Netherlands anno 1618*

2 - Yoshimi Takuwa (Tokyo Institute of Technology, Japan), *Francesco Algarotti's 'Newtonian prisms' and their experimental accuracy*

3 - Manuel Xavier (University of Lisbon, Portugal), *Instrumental Failure or Surveyor Incompetence? Gago Coutinho's Salmoiraghi theodolites*

T22 - Cosmology

1 September, 13.45 - 15.45 (room 4)

Chair: Qi-Han (Chinese Academy of Sciences, China)

1 - Gerd Grasshoff (Humboldt-University Berlin, Germany), *Computational history of science for material objects - ancient sundials*

2 - Valerie Shrimplin (Gresham College, UK), *Circles, Spheres and Globes: Models of the Universe as Depicted in Art*

3 - Genco Guralp (San Diego State University, USA), *Seeing as Knowing: The Cosmological Image and the Making of Evidence*

4 - Eve-Aline Dubois (University of Namur, Belgium), *A Steady-State Explanation for Cosmic Microwave Background*

T23 - Astronomy and Astrophysics

3 September, 11.15 - 13.15 (room 5)

Chair: Adele La Rana (University of California Riverside, USA)

1 - Rheagan Eric Martin (Warburg Institute London, UK), *Seeing Through: The Possibility of Transparency in Fifteenth-Century Printed Astronomical Texts*

2 - Suzanne Débarbat (Paris Observatory, France), *Changing Looks: Observations of the Satellites of Jupiter from Galileo to the Space Age*

3 - Carlos Hugo Sierra (University of Basque Country, Spain), *Dreams Of The "Artificial Retina". Objective Nature And Astronoetics In The Context Of The Mid-Nineteenth Century Technology Of Scientific Sight*

4 - Andrew Clive Davenhall (Royal Observatory Edinburgh, UK), *Charles Piazzi Smyth and the Art of Scientific Illustration*

5 - Marina Rieznik (University of Buenos Aires, Argentina), *Technical images in astronomy in Argentina since the late nineteenth century*

T24 - Agriculture and Genetics

3 September, 9.00 - 11.00 (room 2)

Chair: Ilaria Ampollini (Università di Trento)

1 - Matthew Holmes (University of Cambridge, UK), *A Poultry Affair: Genetics, Graft Hybrids and the Struggle for American Agriculture, 1900-1911*

2 - Olga Elina (Russian Academy of Sciences, Russia), *Modernising Soviet Agriculture: Science, Technology, and Art at the All-Russian Agricultural Exhibition, 1923*

3 - Sotiris Alexakis & Stathis Arapostathis (National and Kapodistrian University of Athens, Greece), *Chemical Politics in the fields and beyond: Knowledge, Experts and the Chemicalization of Agriculture in Greece*

4 - Mike Buttolph (University College London, UK), *Recruiting cognitive commitment: Mendelism as a thing of beauty*

T25 - Scientific Travels

3 September, 11.15 - 13.15 (room 3)

Chair: Dimitri Bayuk (Financial University Moscow, Russia)

- 1 - Maija Kallinen (University of Oulu, Finland), *Keeping up appearances. Pehr Kalm and the self-fashioning of an 18th-century travelling naturalist*
- 2 - Edwin Rose (Polytechnic University of Catalunya, Spain), *Joseph Banks, Georg Forster and the Visualisation of Nature in the Age of Revolutions*
- 3 - Agnese Ghezzi (Kunsthistorisches Institut Florence, Italy), *Visualising anthropology: the observational struggle between closeness and distance*
- 4 - Anna Gustavsson (University of Gothenburg, Sweden), *Montelius And Emilia-Romagna, Or How To Find People, Places And Practices Behind A Great Man'S Work*

T26 - Archaeology and Material Culture

3 September, 11.15 - 13.15 (room 1)

Chair: Maria Paula Diogo (Nova University of Lisbon, Portugal)

- 1 - Fedra A. Pizzato (University of Verona, Italy), *From Troy to the "Great Mediterranean". How archaeological materials influenced Giuseppe Sergi's theory on human origins*
- 2 - Johannes Thomann (University of Zurich, Switzerland), *The Earliest Arabic Horoscope and the Origin of the Square Horoscope Diagram*
- 3 - Mariana Sánchez (University of Paris Diderot, France), *Material culture in El Escorial: Distillation devices*
- 4 - Antonio Sánchez (Autonomous University of Madrid, Spain), *The Tacit Dimension of Artisanal Knowledge in the Iberian maritime culture of the Early Modern Age*
- 5 - Artur Neves (Nova University of Lisbon, Portugal), Maria João Melob, Maria Elvira Callapezc & Robert Friedeld, *On the scent of Celluloid: an investigation of relevant industry practices*

T27 - Geometry and Algebra

3 September, 9.00 - 11.00 (room 6)

Chair: Karine Chemla (CNRS / University of Paris, France)

- 1 - Benjamin Wilck (Humboldt-University Berlin, Germany), *Hidden Messages in Greek Mathematics: Style and Philosophy in Euclid*
- 2 - Ladislav Kvasz (Czech Academy of Sciences, Czech Republic), *On the constitution of algebraic symbolism*
- 3 - Davide Pietrini (University of Urbino, Italy), *The three-dimensional representation meets the geometrical representation: a new way to divulge the mechanics*
- 4 - Alexandru Liciu (University of Bucharest, Romania), *Robert Hooke's Lectures for Improving Navigation and Astronomy: "practical Geometry", "mechanical Algebra" and the Search for Longitude*
- 5 - Xiaofei Wang (Chinese Academy of Sciences, China), *With or without diagrams: Geometry in the teaching of Analysis at the Ecole Polytechnique around 1800*

T28 - Mathematics

3 September, 11.15 - 13.15 (room 6)

Chair: Erika Luciano (University of Turin, Italy)

1 - Clelia Vittoria Cialesi (University of Toronto, Canada), *Picturing Numbers: Pandulphus Of Capua And The Hindu-Arabic Numerals In 11th-Century Italy*

2 - Antonino Drago (Federico II University of Naples, Italy), *Sensory Physics And Inertia Principle: The Case Of Nicholas Cusanus*

3 - Jane Amanda Wess (Independent Researcher, UK), *Epicycloids and Epicycloidal Teeth: A Small Consideration of Mathematics and It's Technological Applications in the 18th Century*

4 - Gabriela Besler (University of Silesia in Katowice, Poland), *Gottlob Frege's Correspondence with Italian Mathematicians as a Material Sign of Culture of Science*

T29 - Measurements

2 September, 9.00 - 11.00 (room 9)

Chair: Ezio Mesini (University of Bologna, Italy)

1 - Emma Prevignano (University of Cambridge, UK), *How to make the metre: materialising the new metrology in Revolutionary and early nineteenth century France*

2 - Fabio Bevilacqua, Lidia Falomo Bernarduzzi & Maurizio Licchelli (University of Pavia, Italy), *"À tous les temps, à tous les peuples!" Towards a Biography of the Pavia University Platinum kg (1800-2020)*

3 - Jan Potters (University of Antwerp, Belgium), *Disputing measurements: on the German material-theoretical culture of charge-to-mass ratio measurements*

4 - Roberto Lalli & Dirk Wintergrün (Max Planck Institute for the History of Science, Germany), *Understanding scientific texts with machine learning: A computational approach to the history of exoplanet exploration*

T30 - Psychology and Epistemology

3 September, 9.00 - 11.00 (room 9)

Chair: Luigi Traetta (University of Foggia, Italy)

1 - Leonardo Capanni (University of Parma, Italy) *The two senses of synesthesia: An exploration in mid-nineteenth century France*

2 - Anna Dadaian (University College, UK), *Jung's Psychological Types and the 'Visual'*

3 - Winifred E. Newman (Clemson University, USA), *The Neuroscience of Beauty and Gorillas*

4 - Dana Jalobeanu (University of Bucharest, Romania), *Emblems as magic tools and heuristic devices: Bruno, Bacon and Culianu. An exercise on perspectival contextualism*

5 - Havelok Symes (Independent Scholar, UK), *Cartesian Dualism: Kepler, Pauli and the Epistemological Break*