

PROVISIONAL INFORMATION ON SESSIONS

LIST OF PANELS AND SESSIONS

24 May (THU)

Room A 101

(1A) Panel: New approaches to the history of chemistry (James; Simmons)

(Sponsored by SHAC)

Chair: Bruce Moran

The Role of Modern Experiment in Understanding the Alchemical Medicines of the Late Middle Ages

Meagan Allen

Unveiling alchemical secrets with the help of Digital Humanities

Sarah Lang

A preliminary exploration of the origin of the "Chemical Revolution" concept

Adrian Wilson

The Disappearing Act of William Thomas Brande: How History of Science Marginalises some but not Others

Frank James and Anna Simmons

Room D 401

(1B) Session: Natural and Artificial Materials

Chair: Ewa Bulska

The Innovation Process of Technical Textiles in the Rhenish Textile Industry: Invention, Adoption and Diffusion of Kevlar, PVC and PTFE in Times of Crisis (1950s–2020)

Stefanie van de Kerkhof

Looking for materials and finding stories: celluloid as a starting point

Artur Neves, Robert Friedel, Maria João Melo, and Maria Elvira Callapez

Moon Rock Analysis in West Germany: Tensions Between Involvement, Self-Assertion, Escaping the Past and Dreading the Future

Christopher Halm

Indigo – The History of its Synthesis
Michaela Kröppl

Room A 101

(2A) Panel: Material Culture, Texts, and Theories: An Interdisciplinary Approach to the History of Chemical Arts (Marchini; Montanari)

Chair: Giacomo Montanari

A chemical approach to the ancient alchemical theory: ‘All metals are mercury’
Lucia Maini and Matteo Martelli

Cosmetic, poison, and a paradigm of whiteness: A TheSu-assisted overview of lead white (psimúthion/cerussa) in Graeco- Roman sources and contemporary replications
Daniele Morrone

Instant Ice in the Middle Ages: An Interdisciplinary Study of a Chemical Wonder
Marianna Marchini and Lucia Raggetti

A Jewish alchemist reads a classic of Arabic chemistry in Early Modern Italy: translation and practice in the Hebrew on Alums and Salts
Gabriele Ferrario

Alchemy and public health: a case-study from the official pharmacopoeia of Florence
Stefano Mulas

Room D 401

(2B) Session: Politics and Chemistry in the Long Run

Chair: Anders Lundgren

Contributions to the History of Chemistry during the first romantic period in Portugal
Sérgio P. J. Rodrigues and Marília Peres

“The Responsibility of Scientists” – History of Chemistry Writing in German Student Associations
Marabel Riesmeier

The Establishment of the Independent University of Chemistry and Technology Prague in the Conditions of Communist Czechoslovakia
Věra Dvořáčková

Room A 101

(3A) Session: Chemistry in Lithuania and Latvia

Chair: Gisela Boeck

Early bell casting technology in Vilnius
Marytė Kuodytė

In Memory of Professor Kazys Daukšas
Aivaras Kareiva and Rolandas Kazlauskas

The Development of Electrochemistry in Lithuania
Rimantas Ramanauskas

Solid State Ionics in Latvia
Guntars Vaivars

Room D 401

(3B) Session: Crossing Disciplines: Chemical Frontiers in the Nineteenth and Twentieth Centuries

Chair: Marcus Carrier

The operationalization of Porosity between Petroleum Geology and Reticular Chemistry
Ana Luiza Nicolae

From Solid to Liquid: The global chemical industry and sulfur maritime shipping in Southern Mexico, 1955–1968
Óscar Moisés Torres Montúfar

About Maria Skłodowska-Curie: chemistry context
Ewa Bulska

Computational History of Chemistry
Guillermo Restrepo and Jürgen Jost

(4A) Panel: Constructing naturalness (Gennermann; Klein; Wagemann)
(Sponsored by CHCMS)

Chair: Brigitte Van Tiggelen

The naturalization of chemical substances: How synthetic flavors became ‘natural’ during the 20th century
Paulina S. Gennermann,

Activating skincare: Drugofa's concept of effective cosmetics in 1970s and 1980s western Germany
Gina Maria Klein

Producing the "natural cycle": Hormonal products and how they link femininity and cyclicity
Sophia Wagemann

Room D 401

(4B) Session: Alchemy: Its Tools, Images and Dreams

Chair: Matteo Martelli

The archaeology of alchemy and chemistry: past, present and materials for the future
Umberto Veronesi

History of Polysulfides and their Role in the Evolution of Chemical Knowledge: From Ancient Egypt Medicine to the Discovery of Oxygen
Alexey Kamyshny

Room A 101

(5A) Panel: Teaching chemistry through history of chemistry (Lykknes)

Chair: Asbjørn Petersen

Learning Nature of Science (NOS) from the Crookes 3D model of the periodic system
Annette Lykknes

Chemistry in the Deutsches Museum
Susanne Rehn-Taube

History of Chemistry in German School textbooks
Gisela Boeck

History of chemistry through its practices and entities
José Antonio Chamizo

Commentary
Brigitte Van Tiggelen

Room D 401

(5B) Early Chemical Industries and Practices

Chair: Christine Nawa

Making Chemistry Industrial
Ernst Homburg

Eisen Mountains – The Century of Bohemian Fuming Sulfuric Acid
Petr Holzhauser

History of chemistry meets art history and heritage science: a project on the Royal Cobalt Works
(Blaafarveværket), Modum, Norway
Hartmut Kutzke and Lasse Hermansen Bjørnland

Dynamite and Crops: Ascanio Sobrero between Chemistry and Agriculture in 19th Century Italy
Carlo Bovolo

Room A 101

(6A) Panel: Face to Face for Science: Chemistry Conferences and Scientific Practice
(Somsen)

Chair: Frank James

Chemists Before the Lens: Conventions of Group Photography in Chemistry Conferences 1900–
1960.
Georgiana Kotsou

Convening for Chemistry in Brussels: the impact of the Solvay method on conference meetings
and the development of chemical science
Alessio Rocci

Spaces, Forms and Functions of Face-to-Face Interaction in Late- Nineteenth Century Scientific
Congresses
Thomas Mougey

‘The Goddess that We Serve’: Rituals and Rhetoric at Large Chemistry Conferences, 1893–1957
Geert Somsen

Room D 401

(6B) Session: Female Chemists and Their Narratives

Chair: Ignacio Suay-Matallana

About the First Female Chemists at the German University in Prague
Gisela Boeck and Eva Herrmann-Dresel

Pioneer Women Scientists in Japan
Yona Siderer

Beyond the surface: Agnes Pockels and the gendering of scientific narratives
Brigitte Van Tiggelen

The First Female Chemists in the Ottoman Empire
İlknur Şahin

Room A 101

(7A) Session: Laboratory Spaces, Communities and Methods

Chair: Annette Lykknes

About Those Red Bandanas . . . A Work-in-Progress on History in the Chemistry Lab
Sarah Lowengard

Co-authorship in Early-20th Century Chemistry: The Case of Theodore Richards
K. Brad Wray

Modernizing school subjects: The case of radiation and radioactivity (1930–1970)
Isabel Malaquias and João Oliveira

Room D 401

(7B) Session: Known and Unknown Risks and Hazards

Chair: Ernst Homburg

Agnotology and Public Health Debates at the Lead Mines of Linares (Spain), 1880–1920.
Ignacio Suay-Matallana

The making of ignorance in the regulation of DDT in Franco Spain
Silvia Pérez-Criado

On the trail of ignorance: Tracing neglected connections between toxicology and
nanotechnology
Candida F. Sánchez Burmester and Marianne Noël

Room A 101

(8A) Session: Redefining Chemistry in Revolutionary Times

Chair: Christoph Meinel

Georg Ernst Stahl's chemical ideas and their reworking in his medical thought
Carmen Schmechel

Artificial Laboratory vs. God's Nature: Rousseau's Politics of Science
Mi Gyung Kim

Between chemistry and administration. Rereading the Lavoisiers' travel journals (1760s–1780s)
Francesca Antonelli

Exerting control. Antoine-Laurent Lavoisier and scientific instruments
Marco Beretta

The Development and Legacy of the term “Rare Earth”
Charlotte A. Abney Salomon

Posters

A map of chemical heritage places in Vilnius city
Birutė Railienė

Emil Fischer's estate - museum archeology at its best
Susanne Rehn-Taube

Psychedelics – Story from Shamanic Rituals to Psychotherapy
Martin Kuchař