

Symposium "Amber. Science and Art"

PROGRAMME

22nd March 2018

10.00 – Opening Ceremony Welcome Speech (room 1A): *Maciej Glamowski* – Vice President of Gdańsk International Fair Co
Ewa Rachoń – Director of Amberif Project

KEYNOTE LECTURES (room 1A)

10.15-10.45 – *Vincent Perrichot*: From the Cretaceous to the Eocene: an overview of fossiliferous amber deposits from France

10.45-11.15 – *Sarjit Kaur*: Elucidation of origin, age and authenticity of ambers through chemical characterization

Session 1 (room 1B):

Life traces in amber

Session 2 (room 1A):

Stylistics and processing technology of amber products
in 3rd-1st millennium BC: local and interregional perspective

11.25-12.45 Morning session

Chairperson: Jacek Szwedo

11.25-11.35 – *Elżbieta Sontag*: 20 years of the Museum of Amber Inclusions at the University of Gdańsk

11.35-11.45 – *Andrew J. Ross*: The remarkable palaeodiversity in Burmese amber

11.45-11.55 – *Romain Garrouste*: Insight in the Lowermost Eocene Oise amber: the collection of arthropod inclusions of the MNHN

11.55-12.05 – *Lida Xing*: Recent discoveries of toothed birds and non-avian theropod remains in Cretaceous amber deposits from Myanmar

12.05-12.15 – *Christel Hoffeins*: Jumping to more knowledge – a new flea (Siphonaptera) in Baltic amber

12.15-12.25 – *Agata Pielowska*: Haematophagous arthropods in Baltic amber

12.25-12.45 – discussion

Chairperson: Ryszard Mazurowski

11.25-11.45 – *Morten Ramstad*: Neolithic amber in Norway and social dynamics the in 3rd millennium BC in Scandinavia

11.45-12.05 – *Marius Iršėnas*: Juodkrantė (Schwarzort) amber figurines: between north and south

12.05-12.25 – *Katarzyna Kwiatkowska*: Late Neolithic amber beads from Supraśl in the light of multi-faced analysis

12.25-12.45 – *Adomas Butrimas*: Amber typology of Rzucewo and West Lithuanian Late Neolithic Settlements

12.45: CONFERENCE PHOTO - room 1B

12.45-13.45 Lunch break

13.45-15.15 Early afternoon session

Chairperson: Vincent Perrichot

- 13.45-13.55** – *Ekaterina Sidorchuk*: A family story told by amber inclusions (Acari: Collophmanniidae).
- 13.55-14.05** – *Jacek Szewdo*: More than expected – disparity of the Hemiptera (Insecta) in the mid-Cretaceous Burmese amber
- 14.05-14.15** – *Tian Jiang*: The planthopper family Mimarachnidae (Hemiptera: Fulgoromorpha) in Burmese amber
- 14.15-14.25** – *Alicja Brysz*: New Achilidae (Hemiptera: Fulgoromorpha) data from Burmese amber
- 14.25-14.35** – *Jowita Drohojowska*: Sternorrhyncha (Insecta: Hemiptera) from Burmese amber
- 14.35-14.45** – *Edmund A. Jarzembowski*: Dragonflies in amber from the age of the dinosaurs
- 14.45-15.15** – discussion

Chairperson: Adomas Butrimas

- 13.45-14.05** – *Colette du Gardin*: Typology and technology: the example of the amber productions in France during the Neolithic and Protohistory
- 14.05-14.25** – *Erik Drenth*: Late prehistoric amber from the Netherlands
- 14.25-14.45** – *Marija Ljuština*: Amber Finds in the Bronze Age of Serbia: Distribution, Provenance and Social Significance
- 14.45-15.05** – *Mateusz Cwaliński*: One step beyond: towards understanding amber consumption during the Bronze and Early Iron Age in Western and Central Balkans

15.15-15.30 Coffee break

15.30-17.00 Late afternoon session

Chairperson: Ekaterina Sidorchuk

- 15.30-15.40** – *Agnieszka Soszyńska-Maj*: Scorpionflies (Mecoptera) in Burmese amber
- 15.40-15.50** – *Kornelia Skibińska*: Diversity of the family Tanyderidae in the Myanmar amber
- 15.50-16.00** – *Marta Zakrzewska*: The Buchonomyiinae (Diptera: Chironomidae) from Cretaceous Burmese amber
- 16.00-16.10** – *Viktor Baranov*: Revisiting mouthparts development in modern and fossil Chironomidae (Diptera)
- 16.10-16.20** – *Dagmara Żyła*: Dating fossils with molecules – innovative approach to determine the age of Baltic amber. Introduction to the project
- 16.20-17.00** – discussion

Chairperson: Janusz Czebreszuk

- 15.30-15.50** – *Veronica Gallo*: Analysis of a few amber artifacts as chronological and cultural indicators during pre- and protohistory in Europe
- 15.50-16.10** – *Ursula T. Hohenstein*: Amber processing at the site of Campestrin (Grignano Polesine, Rovigo, northeastern Italy)
- 16.10-16.30** – *Katarina Dmitrović*: Typological frame of the amber from Atenica and its relation to the neighboring area
- 16.30-16.50** – *Petra Stipančić*: Amber in first millennium BC from Novo Mesto, Slovenia
- 16.50-17.20** – *Final discussion*

17.00- 18.00 (Seminar Lobby 1st floor) POSTER SESSION FOR ALL SESSIONS 1-4

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23rd March 2018

10.00 – Opening of the Second Day of the Symposium (room 1A): Ewa Wagner-Wysiecka – Scientific director of Symposium

KEYNOTE LECTURES (room 1A)

10.15-10.45 – Joseph B. Lambert: Molecular analysis of amber and related fossilized materials by nuclear magnetic resonance spectroscopy

10.45-11.15 – Faya Causey: Amber and Africa

Session 3 (room 1B):

Highlights of amber properties investigations
and current aspects of amber mining

Session 4 (room 1A):

Myths, collections and conservation of amber

11.25-12.45 Morning session

Chairperson: Joseph B. Lambert

11.25-11.55 – Inez D. van der Werf: Recent development in amber investigation:
succinite vs. simetite

11.55-12.25 – Yvonne Shashoua: Investigating the degradation of Baltic amber

12.25-12.45 – Barbara Łydzba-Kopczyńska: Versatile spectroscopic approach in the
investigation of cultural heritage objects

Chairperson: Faya Causey

11.25-11.45 – Mitja Gustin: Aquileia – the Centre of amber production in the Roman
Times

11.45-12.05 – Irina Polyakova: Collecting and Displaying Amber in the Culture and
Everyday Life of Prussia during the 16th Century

12.05-12.25 – Rachel King: Sisterly Devotion Solidified: Owning the Tears of the
Heliades in Renaissance Europe

12.25-12.45 – discussion

12.45-13.45 Lunch break

13.45-15.15 Early afternoon session

Chairperson: Inez Dorothé van der Werf

- 13.45-14.15** – *Aniela Matuszewska*: Physicochemical transformations of amber illustrated by changes in the oxygen-groups range of infrared spectra
- 14.15-14.45** – *Lukas Kucera*: Utilization of mass spectrometry for chemical analysis of amber for distinction of its origin in various Baltic regions.
- 14.45-15.10** – *Igor Kaczmarczyk*: Baltic amber as a potential source of active agents against selected microorganisms
- 15.10-15.15** – *Yong Cai*: The prosperity of Tengchong Amber Market and related industries

Chairperson: Rachel King

- 13.45-14.05** – *Holly Trusted*: Baltic Ambers in Britain: a rich and diverse heritage
- 14.05-14.25** – *Anna Sobecka*: A new interpretation of the mythological iconography of the Malbork Casket
- 14.25-14.45** – *Jadwiga Łukaszewicz*: Conservation of Amber Artefacts
- 14.45-15.15** – discussion

15.15-15.30 Coffee break

15.30-17.00 Late afternoon session

Chairperson: Regina Kramarska

- 15.30-15.55** – *Jacek R. Kasiński*: Amber-bearing sediments of the Polish-Ukrainian border zone stratigraphic correlation
- 15.55-16.20** – *Olena Remezova*: The prognosis of amber-succinite deposits of different age in Ukraine and their prospects of development
- 16.20-16.45** – *Svetlana Vasylenko*: Geoecological aspects of amber mining in Ukraine
- 16.45-16.55** – *Ewa Wagner-Wysiecka*: Geological production characteristic of amber deposits and finds in Ukraine. Perspectives of identification by mid-infrared spectroscopy

Chairperson: Holly Trusted

- 15.30-15.50** – *Sigita Bagužaitė-Talačkienė*: Amber Artefacts of the Palanga Amber Museum Collection. Mythological Parallels
- 15.50-16.10** – *Ewa Pawłęga*: Amber in myths, legends and folk tales
- 16.10-16.30** – *Jacek Kreigseisen*: Amber in the sicilian fine arts and crafts
- 16.30-16.50** – *Axel Attula*: Amber. Reflections on the "political myth" of a fossil resin
- 16.50-17.00** – *Giedymin Jabłoński*: The Fall of Phaeton – Myth, Legend or Secret Knowledge? An artistic hypothesis

17.00- 17.30 (Seminar Lobby 1st floor) Closing remarks, Final discussions at poster session

POSTERS

presented 22 – 23 March, Seminar Lobby 1st floor

Session: Life traces in amber

- P 01** The Araneae of the Lowermost Eocene Oise amber: an unexpected palaeodiversity
Benjamin Carbuccia, Christine Rollard, André Nel, Romain Garrouste
- P 02** *Rhabdomastix* Skuse, 1890 in Eocene Baltic amber (Diptera: Limoniidae)
Wiktoria Jordan-Stasiło, Wiesław Krzemiński, Iwona Kania, Natalia Miazga
- P 03** Anisopodidae Knab, 1912 (Diptera: Nematocera) in Cretaceous Burmese amber
Iwona Kania, Maciej Wojtoń, Wiesław Krzemiński, Bo Wang,
- P 04** Invertebrates in contemporary, coniferous resins – an insight into the ecosystem?
Natalia Kaszyca, Piotr Węgierek, Łukasz Depa, Artur Taszakowski
- P 05** Diptera: Nematocera from the Myanmar amber in the collection of the Natural History Museum ISEA PAS
Wiesław Krzemiński, Katarzyna Kopeć, Kornelia Skibińska, Agnieszka Soszyńska-Maj, Iwona Kania
- P 06** From the research of the Baltic amber flora
Alicja Pielńska
- P 07** The diversity of fossil fungi in Baltic amber
Marta Tischer, Błażej Bojarski, Michał Gorczak, Julia Pawłowska, Katarzyna Szczepaniak, Marta Wrzosek
- P 08** First *Mycetobia* Meigen, 1818 (Diptera: Anisopodidae) in Cretaceous Burmese amber
Maciej Wojtoń, Iwona Kania, Wiesław Krzemiński

Session: Stylistics and processing technology of amber products in 3rd-1st millennium BC: local and interregional perspective

- P 09** Reflections on the origin of amber used after the first centuries of our era
Dagmara Król
- P 10** Ancient amber in Moravia
Jaroslav Peska, Lukas Kucera, Petr Bednar

POSTERS

presented 22 – 23 March, Seminar Lobby 1st floor

Session: Highlights of amber properties investigations and current aspects of amber mining

- P 11 Gemological research of the «treated-color» amber**
Olena Belichenko, Yuriy Ladjhun, Kateryna Tatarintseva
- P 12 The prosperity of Tengchong Amber Market and related industries**
Yong Cai, Tong Bao
- P 13 Micro IR and Raman spectroscopy as operative techniques in the various fossilised resins screening**
Adrianna Cytryniak
- P 14 Amber in Texas**
Virginia Friedman, Joseph B. Lambert, Alejandro Bugarin, Sarjit Kaur, Edith Stout
- P 15 Amber Laboratory of International Amber Association – current research, activity and perspectives**
Agnieszka Klikowicz-Kosior, Michał Kosior, Ewa Wagner-Wysiecka
- P 16 Lacustrine and paludal complexes of Ukraine as amber-bearing objects**
Oleksandr Komliiev, Olena Remezova
- P 17 Infrared Spectra of amber and other resins – results of research by Vladas Katinas, 1988**
Barbara Kosmowska-Ceranowicz, Pielińska Alicja
- P 18 The amber industry in Kaliningrad region (2007-2017): problems and prospects**
Zoya Kostyashova
- P 19 The researches of conditions of productive thickness forming of the southern part of Volodymyrets amber-bearing district**
Mariia Krynytska, Liudmyla Kovalevych
- P20 Spectral and microscopic study of Lublin amber**
Krzysztof Skrzypiec, Zofia Komosa, Urszula Maciołek, Weronika Sofińska-Chmiel, Lucjan Gazda, Ewaryst Mendyk
- P 21 The study of natural resins using AFM microscopy**
Krzysztof Skrzypiec, Zofia Komosa, Urszula Maciołek, Weronika Sofińska-Chmiel, Ewaryst Mendyk

Session: Myths, collections and conservation of amber

- P 22 Rebuilding and adaptation of the Great Mill in Gdańsk for the needs of a new premises of the Amber Museum**
Renata Adamowicz
- P 23 Conservation of the 17th century amber altar from the Malbork Castle Museum collection**
Jolanta Ratuszna
- P 24 Amber myths – today**
Anna Sado