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Rasa Kizlaitienė
Rūta Mameniškienė
Algirdas Utkus

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Welcome to the 24th annual conference of the International Society for the History of the Neurosciences. On behalf of Eglė Sakalauskaitė-Juodeikienė, the chairperson of the local organizing committee, welcome to Vilnius University which is celebrating the 440th anniversary of its founding this year. And, welcome to Lithuania which has been here for some 750 years and welcome to its capital city, Vilnius, which was first referenced in written sources in 1323.

Our Society has been made to feel welcomed by the University and Faculty of Medicine through its generous gifts of facilities and services that allow this conference to happen. I want you to especially appreciate Eglė, who as chair of the organizing committee arranged for our facilities and sponsors, organized the local arrangements, our Gala dinner, the concerts, the tours of the university and Trakai and numerous details that enable the conference. Special thanks goes to Professor D. Jatužis, Head of the Clinic of Neurology and Neurosurgery, Professors R. Mameniškienė, head of the Center of Epileptology, R. Kizlaitienė, head of the Center of Multiple Sclerosis, A. Utkus, Dean of the Faculty of Medicine, and R. Kondratas, director of Vilnius University museum. Finally, I want to recognize the Program Committee, our past secretary/treasurer Sherry Ginn, our treasurer Paul Eling and our secretary Yuri Zagvazdin, all of whom helped in too many ways to innumerate.

It is a pleasure for me to represent our Society and its endeavor to chronicle the foundations of the neurosciences.

J. Wayne Lazar
President, International Society for the History of the Neurosciences
# AGENDA

**Monday, July 8th, 2019**  
*Vilnius University, Aula Parva Hall*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>8:30–9:00</td>
<td>Registration</td>
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<tr>
<td><strong>Welcome and Opening</strong></td>
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<tr>
<td>9:00–9:10</td>
<td>J. WAYNE LAZAR, President of International Society for the History of the Neurosciences</td>
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<tr>
<td>9:10–9:30</td>
<td>ALGIRDAS UTKUS, Dean of Faculty of Medicine (Vilnius University)</td>
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<tr>
<td><strong>Symposium History of neuroscience in Lithuania</strong></td>
<td>(moderator DALIUS JATUŽIS)</td>
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<tr>
<td>9:30–10:00</td>
<td>DALIUS JATUŽIS - Professor Valmantas Budrys (1958–2015) and Promotion of the History of Neuroscience in Lithuania</td>
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<tr>
<td>10:00–10:30</td>
<td>RŪTA MAMENIŠKIENĖ - Description of Seizures in the 19th Century Vilnius Clinics</td>
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<td>10:30–11:00</td>
<td>VILMA GUDIENĖ - The Health and Illness of Dowager Empress of the Russian Empire Maria Feodorovna, 1807–1811</td>
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<tr>
<td>11:00–11:30</td>
<td>Coffee break</td>
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Symposium History of neuroscience in Lithuania
(moderator RŪTA MAMENIŠKIENĖ) – continued

11:30–12:00  RAMŪNAS KONDRATAS - Neurological Observations in Andrew Sniadecki’s Theory of Organic Beings

12:00–12:30  RASA KIZLAITIENĖ & EGLĖ SAKALAUSKAITĖ-JUODEIKIENĖ - Inflammatory Demyelinating Central Nervous System Diseases in Lithuania (17th–19th centuries)

12:30–13:00  TATJANA LIAKINA & EGLĖ SAKALAUSKAITĖ-JUODEIKIENĖ - Classification of Headache Disorders in the Beginning of the 19th Century in Vilnius and Comparison with ICHD-3

13:00–13:30  AISTIS ŽALNORA - The Disputes on Mental Hygiene and Eugenics in Vilnius and Lithuania in 1919–1939

13:30–14:30  Lunch break

Platform session
(moderator STANLEY FINGER)

14:30–15:00  MOSHE FEINSOD & ITAMAR KAHN - The Cerebral Thermometry of Josiah Stickney Lombard

15:00–15:30  MANON AUFFRET - Apomorphine: the Forgotten History of a Pharmacological Curiosity

15:30–16:00  FRANÇOIS BOLLER & NICOLETTA CAPUTI - Historical Aspects of Mild Traumatic Brain Injury and PTSD

16:00–16:30  LORENZO LORUSSO, SABA MOTTA, ALESSANDRO PORRO, ANTONIA F. FRANCHINI & ANNA GASPARIELLO - The Carlo Besta Neurological Institute: A Century of Care and Research

Opening ceremony

16:30–17:00  Concert

17:00–18:30  Excursion to the University courtyards and the Sts. John’s church bell tower

18:30–19:00  Welcome drink
**Tuesday, July 9th, 2019**  
*Vilnius University, Senate Hall*

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td><strong>8:30–9:00</strong></td>
<td>Registration</td>
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| **Phrenology symposium**  
*(moderator YURI ZAGVAZDIN)* |                                                                                                                                 |
| **09:00–09:30** | PAUL ELING & STANLEY FINGER - Franz Joseph Gall’s Non-Cortical Organs |
| **09:30–10:00** | EGLĖ SAKALAUSKAITĖ-JUODEIKIENĖ, PAUL ELING & STANLEY FINGER - Ludwig Heinrich Bojanus (1776 - 1827) on Gall’s Craniognomic System |
| **10:00–10:30** | CATHERINE STOREY - The Sydney Mechanics School of Arts and Other Professionals in the Promotion of Phrenology in New South Wales 1830-1850 |
| **10:30–11:00** | STANLEY FINGER - Mark Twain’s Revealing Phrenological Experiment. Three Renditions of his Deception |
| **11:00–11:30** | **Coffee break**                                                        |
| **Platform session**  
*(moderators CATHERINE STOREY & JOHN CARMODY)* |                                                                                                                                 |
| **11:30–12:00** | EELCO F. M. WIJDICKS - The Landmark Discovery of the Ascending Reticular Activating System |
| **12:00–12:30** | ELISABETTA SIRGIOVANNI & ALESSANDRO ARUTA - The Electro-Shock Circle: a Revived Interest in the First ECT Apparatus in the 1960s |
| **12:30–13:00** | JOÃO TAVARES - Neuroscience, Crossroads between the Academic and the Commercial |
### The C. U. M. SMITH Presidential lecture

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>13:00–13:30</td>
<td>J. WAYNE LAZAR</td>
<td>The History of the Neurosciences as Represented by the <em>Journal of the History of the Neurosciences</em></td>
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<td>13:30–14:30</td>
<td>Lunch break</td>
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### Platform session
(moderator NICHOLAS J. WADE)

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<tr>
<th>Time</th>
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<tr>
<td>14:30–15:00</td>
<td>JOHN CARMODY</td>
<td>“Perfidious Albion“ or “Trusting America“? Was there a Lapse in Scientific Ethics, or even Plagiarism, in the Relationship between Hodgkin, Huxley and Cole in the 1940s and 1950s?</td>
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<td>15:00–15:30</td>
<td>BOLESŁAW LICHTERMAN</td>
<td>Edward Flatau and Moscow School of Neurologists</td>
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<td>15:30–16:00</td>
<td>DELIA GAVRUS</td>
<td>Science, Self, and Society in Wilder Penfield’s Thought</td>
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<td>16:00–16:30</td>
<td>AXEL KARENBERG</td>
<td>Max Nonne and Otfrid Foerster: Two German Neurologists during the Nazi era</td>
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<tr>
<td>16:30–17:00</td>
<td>Coffee break</td>
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<tr>
<td>17:00–18:00</td>
<td>Board of Directors meeting</td>
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<td>18:00–19:00</td>
<td>Editorial Board meeting</td>
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### Night in Vilnius

<table>
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<tr>
<th>Time</th>
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<tr>
<td>20:00–22:00</td>
<td>Old City tour by foot</td>
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Wednesday, July 10th, 2019
Vilnius University, Senate Hall

8:30–9:00  Registration

Platform session
(moderator PAUL ELING)

9:00–9:30  FRANÇOIS BOLLER, JULIEN BOGOUSSAVSKY & NICOLETTA CAPUTI - Brain Disease and Artistic Creativity

9:30–10:00  KAREN G. LANGER & JULIEN BOGOUSSAVSKY - The Neglected History of Hemineglect

10:00–10:30  UWE J. NEUBAUER - Lorenz Heister and the Treatment of Extradural Hematomas in the Early 18th Century

10:30–11:00  SHARMAN LEVINSON - Circulations of Concern with the “Uncertainty of Signs of Death” in mid-18th Century France: a Historical & Cultural Translation Perspective

11:00–11:30  Coffee break

Platform session
(moderator DOUGLAS J. LANSKA)

11:30–12:00  NICHOLAS J. WADE - Binocular Rivalries: Wheatstone and Brewster on Vision

12:00–12:30  FRANTIŠEK ŠIMON & AXEL KARENBERG - Foramen caecum medullae oblongatae in the History of Anatomical Nomenclature

12:30–13:00  ANDREW J. WACLAWIK & FREDERICK S. EDELMAN - The Invention of the “Chun Gun” and its Role in Improvement and Standardization of the Method of Cranial Transillumination

13:00–13:30  EELCO F. M. WIJDICKS - Crazy about Steroids: Psychosis in Ray’s Bigger than Life
ISHN 2020 Announcement


13:40–14:30  Lunch break

14:30–15:00  **Poster session** (moderator RAMŪNAS KONDRATAS)

- YUSRA AZIZ & GÜL A. RUSSELL - The Creation of Motion Illusion in Op Art: Victor Vasarely and Bridget Riley
- PAUL A. HWANG & W. M. BURNHAM - Development of Electroencephalography (EEG) in Humans in the 21st Century
- VANESSA VELASQUEZ & GÜL A. RUSSELL - Neuroscience of the Cognitive Mechanisms of Mirror-Touch Synesthesia
- BART LUTTERS - To Act or Not to Act: Developments in the Pre- and Postnatal Care for Children with Spina Bifida

Cultural tour
15:00–19:00  Excursion to the Trakai Island Castle

Gala dinner
19:30–23:30  Apvalaus Stalo Klubas restaurant, Trakai
23:30–00:00  Back to Vilnius
Thursday, July 11th, 2019
Vilnius University, Senate Hall

8:30–9:00  Registration

Symposium Graphic Representations of the Brain from Medieval Times through the 19th century: Form, Function, and Disease (moderator AXEL KARENBERG)

9:00–9:30  DOUGLAS J. LANSKA - Changing Graphical Representations of Sulci and Fissures Spanning more than Four Centuries: From Spaghetti-like Gyri to the Gradual Recognition of Basic Cortical Anatomy

9:30–10:00  CATHERINE STOREY - Evolution of the Cranial Nerves in Images of the Brain from the Sixteenth Century to von Soemmerring and Beyond

10:00–10:30  PETER J. KOEHLER - Neuropathology in the Great Pathology Atlases

10:30–11:00  DOUGLAS J. LANSKA - A survey of 19th- and Early 20th - Century Approaches to Cross-Sectional Anatomy of the Central Nervous System

11:00–11:30  Coffee break

Symposium Graphic Representations of the Brain from Medieval Times through the 19th century: Form, Function, and Disease (moderator PETER J. KOEHLER) – continued

11:30–12:00  DOUGLAS J. LANSKA - From Speculation to Observation and Experiment: Graphical Representations of the Optic Chiasm and the Course of its Component Nerve Fibers Over Four Centuries
12:00–12:30  J. WAYNE LAZAR - Graphic Representations in Brain Maps from Gall to Geschwind
12:30–13:00  BOLESLAV LICHTERMAN & DOUGLAS J. LANSHA - Cross-sectional Representations of the Central Nervous System in Pirogov's Ice Anatomy
13:00–13:30  PETER J. KOEHLER - Ada Potter and Her Microscopical Neuroanatomy Atlases
13:30–14:30  Lunch break

Platform session
(moderator EELCO F. M. WIJDICKS)
14:30–15:00  GÜL A. RUSSELL - Camera Obscura and the Eye: Ibn al-Haytham and the Failure of an Analogy
15:00–15:30  YURI ZAGVAZDIN & DOUGLAS J. LANSHA - Pavel Ivanovich Yakovlev (1894-1983) and his Contributions to the Neurosciences
15:30–16:00  IEVA LĪBIETE - Imagination Matters: A Historical Overview of the Theory of Maternal Impressions
16:00–16:30  KOSTIANTYN VASYLIEV, OLENA VASYLIEVA, BOLESLAV LICHTERMAN, DOUGLAS LANSHA & IULIIA KUZMINA - Misconceptions in Neurology: Osip Mochutkovsky and the Suspension Therapy of Tabes dorsalis

Passing the gavel & Farewell