



**III INTERNATIONAL SCIENTIFIC AND TECHNICAL
CONFERENCE "LIGHT IN MUSEUM"**

St. Petersburg, Russia
April 22 – 24, 2024

ORGANIZERS



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МИНИСТЕРСТВО ЭНЕРГЕТИКИ
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ТОЧКА ОПОРЫ



INTILED



10:00–14:00 Plenary Session "Actual issues of museum lighting"**Chairmen:**

- *Mikhail Piotrovsky, Doctor of Historical Science, Professor, General Director of the State Hermitage Museum*
- *George Boos, Ph.D., Docent, Chairman of STC "Svetotekhnika", President of ILEC BL GROUP*

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|-------|---|
| 10:00 | <p>Conference Opening Ceremony</p> <ul style="list-style-type: none"> – <i>Mikhail Piotrovsky, Doctor of Science, Professor, General Director of the State Hermitage Museum</i> – <i>George Boos, Ph.D., Docent, Chairman of STC "Svetotekhnika", President of BL GROUP</i> – <i>Diana Veronika Wernisch, Ph.D., Secretary General CIE, Managing Director CIE Scientific-Services GmbH</i> – <i>Anton Shalaev, Head of the Federal Technical Regulation and Metrology Agency of RF</i> |
| 10:40 | <p>Light in museum: today and tomorrow. Current issues and challenges
 <i>Alexey Bogdanov, Ph.D., Docent</i>
 Deputy Director for Operations of the State Hermitage Museum</p> |
| 11:00 | <p>Exhibit lighting. Methods and Practices. From the experience of the State Historical Museum
 <i>Eldar Yanibekov</i>
 Deputy General Director of the State Historical Museum for exposition and exhibitions work</p> |
| 11:20 | <p>Architectural lighting design evaluation of Izmir Ataturk museum
 <i>Arzu Cilasun Kunduracı, Ph.D, Professor of Yaşar University (Türkiye)</i></p> |
| 11:40 | <p>Museum lighting and peculiarities of the viewer's colour perception from the neuroiconic point of view
 <i>Sergey Stafeev</i>
 Director of the Exhibition Design Centre, ITMO Museum of Optics</p> |
| 12:00 | <p>Modern approach to illumination of large-size paintings installed behind glass
 <i>Leonid Novakovskiy, Ph.D.</i>
 General Director of "Faros-Alef" company</p> |
| 12:20 | <p>365. Wavelengths invisible to the eye. Advantages and disadvantages of ultraviolet in the restoration process
 <i>Sergey Sirro</i>
 Head of the Technological Research Department, The State Russian Museum</p> |
| 12:40 | <p>Light and media art as a tool for actualizing cultural heritage and attracting attention to museum space
 <i>Olga Arshanskaya</i>
 Producer, Director of the International Festival of Light and Media Art "Night of Light" in Gatchina, Director of the Studio "Show Consulting"</p> |
| 13:00 | <p>Light in museum as an assistant in exposition
 <i>Alyona Datsenko</i>
 Director of the Primorye State Art Gallery</p> |

13:20 | **"Light for a Fairytale" on the example of the project of complex lighting of the Museum and Theatre Centre "Bakhrushinsky" on Paveletskaya Square**
Oleg Popov
Head of the Architecture and Design Group of SvetoProekt Company

13:40 – Photo session of all participants

14:00–15:00 Lunch

15:00–18:15 Plenary Session "Light in museum: current issues and challenges"

Chairmen:

- *George Boos, Ph.D., Docent*, Chairman of STC "Svetotekhnika", President of ILEC BL GROUP
- *Alexey Bogdanov, Ph.D., Docent*, Deputy Director for Operations of the State Hermitage Museum

15:00 | **The experiment on determination of optimal parameters of artificial lighting, providing the best subjective perception of oil painting in the museum**
Alexandra Bartseva
Junior Scientist at the VNISI Russian Lighting Research Institute named after S.I.Vavilov

15:20 | **New project of architectural lighting of facades of the State Hermitage Museum**
Pavel Tsvetkov
General Director of KANDELA LLC

15:40 | **Specific features of design and implementation of projects of new construction and restoration of exposition and exhibition spaces**
Ekaterina Lezhova
Project manager of Tochka opory company

16:00 | **The light, what for? Timely words**
Nikolay Vorobyov
Leading Expert on exposition lighting of cultural objects, Art Director of LENTS Ltd.

16:20 | **Facade and outdoor lighting of museums as an integral element of image and an additional way of attracting visitors**
Dmitry Zelichenok
Development Director of INTIIED

16:40 | **Creating a unique lighting environment for expositions at the intersection of theatrical and museum approach**
Alexey Poluboyarinov, Multimedia technologist (Studio "Show Consulting")
Denis Shilov, Multimedia technologist (Studio "Show Consulting")
Vasilina Lazarkova, Development Manager Aledo Company

17:00 | **Problems and solutions in the sphere of museum lighting on the example of projects implemented in the Hermitage**
Yuri Karpenko
Deputy Director of SAROS LLC

17:20 | **Light and preservation of monumental painting in a temple-museum**
Viktor Dorokhov
Head of the Laboratory of Climate of Museums and Monuments of Architecture, GosNIIR

17:40 | **Lighting mapping of museum premises to improve the reliability of microclimate control**
Konstantin Tomsky, Ph.D. Professor
General Director of Scientific and Technical Enterprise "TKA"

**18:15 Performance by the St. Petersburg Saxophone Orchestra
(under the direction of Igor Kuznetsov)**

23 APRIL

TUESDAY

11:00–14:00 Plenary session Lighting design of the museum lighting environment

Chairman:

– *Alexey Bogdanov, Ph.D., Docent, Deputy Director for Operations of the State Hermitage*

- 11:00 | **Methodological recommendations on museum lighting developed by the State Hermitage Museum. A brief overview**
Alexander Isaev
Chief Power Engineer of the Hermitage Museum
- 11:20 | **Lighting in museum from restoration workspaces to offices and cafes, using the example of the new Tretyakov Gallery project**
Mikhail Dergunov, Development Director and founder of Trinova LLC
Ksenia Nechaeva, Product manager of Lighting Technologies company
- 11:40 | **How to draw up technical specifications for the selection of museum lighting equipment in tender conditions, taking into account the interests of both the manufacturer/supplier and the museum**
Ksenia Lanikina
Founder and head of the lighting design studio YARKO-YARKO
- 12:00 | **Museum lighting projects implemented within the framework of the Contest "Insight"**
Natalia Potapova
Director of the Museum "Lights of Moscow"
- 12:10 | **Lighting of the "Landscape" hall of the Museum-apartment of A.M. Vasnetsov**
Viktoria Gudemchuk, Master's student of the Department of Lighting Engineering of the National Research University "MPEI", Engineer at Lighting Studio "Aksioma"
- 12:20 | **Peculiarities of the approach to the lighting of a small memorial museum on the example of the house-museum of K.S. Petrov-Vodkin**
Nadezhda Kumakova, Associate Professor of the Department of "Design of Architectural Environment" of the Saratov State Technical University named after Gagarin Y.A.
Anastasia Krinitsina, Project manager Aledo company
- 12:30 | **Exposition lighting of Modern Art Museum on the example of Almaty Art Museum**
Sergey Sizy
President of LDA Lighting Design Association, founder and creative director of LiDS Lighting Design School and Studio, Member of the International Association of Lighting Designers IALD, Member of CIE NC RU

- 12:50 | **Configuration of showcases and window lighting for the exhibit and the task**
Valeria Gorelova
 Founder and Head of THE VIEW lighting design bureau
- 13:10 | **Artistic language of light and media in museum**
Natalia Bystryantseva, Ph.D.
 Associate Professor of the Department of Industrial Design, Stieglitz St. Petersburg State Academy of Fine Arts
- 13:30 | **Application of museum lighting principles in the interior of a functioning Church (on the example of the Church of the Holy Martyr Peter of Krasnogorsky)**
Anastasia Prikhodko, Ph.D.
 Associate Professor of the Department of Architectural Physics, Moscow State Academy of Architecture, Head of the Laboratory of Light
- 13:50 | **Light effects in highlighting exhibits**
Alexander Dronov
 Leading Training Manager of Arlight company

14:00–15:00 Lunch

15:00–15:40 Master class "Lighting effects for lighting artifacts" by the sponsor — Arlight company.

The modern Restoration and Storage Centre of the State Hermitage. Lecture and Exhibition Building, 3rd floor, Black Exhibition Hall (room C3-230)

15:40–17:00 Sectional session "Education and Lighting Design for Museums"

Organizers of the event: Department of Lighting Engineering of the National Research University "MPEI" and the Department of Environmental Design, Moscow State Academy of Arts and Industry named after S.G. Stroganov

Chairmen:

- *Vladimir Budak, Ph.D., Professor*, editor-in-chief of the journal "Svetotekhnika"
- *Elena Zaeva-Burdonskaya, Ph.D., Professor*, Head of Department of Environmental Design, Moscow State Academy of Arts and Industry named after S.G. Stroganov
- *Denis Makarov, Ph.D.*, Senior lecturer of the Department of Lighting Engineering of the National Research University "MPEI"

- 15:40 | *Opening Session:*
- *Vladimir Budak, Ph.D., Professor*, editor-in-chief of the journal "Svetotekhnika"
 - *Vitezslav Styskala, Ph.D.* Associate Professor of the Faculty of Electrical Engineering and Computer Science of VSB-Technical University Ostrava, Guarantor of the Design Electrical Systems and Technologies Member of the Academic Assembly of the Academy of Sciences of the Czech Republic
- 15:50 | **Project of the Festival of Light in Veliky Novgorod. Experience of interdisciplinary links (Stroganov University, MPEI)**
Elena Zaeva-Burdonskaya, Ph.D., Professor, Head of Department of Environmental Design, Russian State University of Design and Applied Arts (Stroganov University)
Denis Makarov, Ph.D., Senior lecturer of the Department of Lighting Engineering of the National Research University "MPEI"

- 16:20 | **The city of St. Petersburg as a museum environment**
Evgeniya Ivanova
 Senior lecturer, Russian State University of Design and Applied Arts (Stroganov University)
- 16:40 | **Principles of development of lighting projections of video installations on the facade in educational design**
Ekaterina Kuznetsova, Associate Professor, Russian State University of Design and Applied Arts (Stroganov University)
Anastasia Shepetina, Lecturer, Russian State University of Design and Applied Arts (Stroganov University)

17:00–18:00 Breakout session "Topical methods and tools of lighting"

Chairman:

– *Vladimir Budak, Ph.D., Professor*, editor-in-chief of the journal "Svetotekhnika"

- 17:00 | **Human Centric Design and Agile practices: developing competitive solutions in the lighting segment**
Evgeny Korzhov
 Head of the Department of Computer Aided Design and Design, NITU MISIS
- 17:15 | **Correlation of lighting exposition and variable parameters of the external environment**
Evgeny Sobolev
 Gomel State Technical University named after P.O. Sukhoi
- 17:30 | **Comparison of lighting techniques in realistic representation of artworks**
Daniil Kiselev
 Master's student of the Lighting Engineering Department of the National Research University "MPEI"
- 17:45 | **"Smart light" in museum. Accent lighting of exhibition artefacts.**
Valeria Salokha
 Head of Sales Department, APEX-energo Group of Companies

24 APRIL

WEDNESDAY

Cultural program (formed by the State Hermitage Museum)

- 11:00 | **A guided tour to the State Hermitage Museum, Headquarters.**
Palace Square, 6-8, Visitor Entrance
- 11:00 | **A guided tour to the Museum of the Imperial Porcelain Factory**
151 Obukhovskaya Oborona Avenue, Lomonosovskaya metro station. Point of meeting – the cloakroom
- 15:00 | **A guided tour to the Saint Petersburg Flood Prevention Facility Complex**
Zausadebnaya Street, 37 "B", Staraya Derevnaya metro station. Point of meeting – 1st floor Hall.