



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

St. Petersburg, Russia
April 27 – 2009, 2026

ORGANIZERS



BY SUPPORT



SPONSORS



11:00–14:00 Plenary Session**Chairmen:**

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

- 11:00 | **Conference Opening Ceremony**
 – *Mikhail Piotrovsky, Doctor of Science, Professor*, General Director of the State Hermitage Museum
 – *George Boos, Ph.D., Docent*, Chairman of STC “Svetotekhnika”, President of BL GROUP
 – *Diana Veronika Wernisch, Ph.D.*, Secretary General CIE, Managing Director CIE Scientific-Services GmbH, Vienna (Austria) - online
- 11:30 | **Light in museum: today and tomorrow. Current issues and challenges**
Alexey Bogdanov, Ph.D., Docent
 Deputy Director for Operations of the State Hermitage Museum
- 11:50 | **Integrative lighting for museums: Optimising the viewing experience**
Anthony Bergen,
 CIE President-elect, CIE Vice-President Technical,
 President of the Metrology Society of Australasia, Managing Director of PhotoSpec Labs Pty Ltd., (Australia) - online
- 12:10 | **From concept to installation: A step-by-step algorithm for museum collaboration with a lighting designer in organizing temporary exhibitions**
Julia Butovchenko, Head of the Exhibition Department of the Moscow Kremlin State Historical and Cultural Museum
- 12:30 | **Lighting system with controllable thermal load limitation on exhibit items**
Yulia Gracheva
 Lead Design Engineer, International Lighting Corporation "BL GROUP"
- 12:50 | **Staging a light and media Art Festival in a museum: from artistic expression to systematic order**
Olga Arshanskaya
 Producer, Director of the International Festival of Light and Media Art “Night of Light” in Gatchina, Director of the Studio “Show Consulting”
- 13:10 | **Light in a museum is a crucial element for the effective presentation of an exhibition.**
Alyona Datsenko
 Director of the Primorye State Art Gallery

13:30 – Photo session of all participants

14:00–15:00 Lunch

15:00–17:20 Plenary Session

- 15:00 **Light and color at the “Hermitage-Eurasia” Center in Orenburg**
Yuriy Komlev
Director, Orenburg Museum of Fine Arts / Hermitage-Eurasia Center
- 15:20 **Features of efficient lighting for oversized paintings**
Leonid Novakosvkiy, Ph.D.
General Director of “Faros-Aleph” company
Lubov Volgina, Head of the Electrical Equipment Department, Chief Engineer’s Office, State Tretyakov Gallery
- 15:40 **Art lighting design of the “SVOYASI. The path of contemporary Russian Art” in the exhibition at the State Historical Museum**
Anastasia Prikhodko, PhD in Architecture,
Associate Professor of the Department of Architectural Physics, Moscow State Academy of Architecture, Head of the Laboratory of Light Head of the "Lighting Laboratory"
- 16:00 **Ostankino Palace: Light without illumination**
Nikolay Vorobyov
Leading Expert on exposition lighting of cultural objects
Olga Erermina, Head of the Department of Museum Collections "Ostankino and Kuskovo"
State Palace and Park Museum-Reserve
- 16:20 **Lighting in the new Tretyakov Gallery branch in Kaliningrad. A six-year cycle from design to the first exhibition. Individual solutions, important details, and fundamental nuances**
Nikolay Kukhtin
Head of the project office, Deputy General Director "Tochka Opory" LLC
Lubov Volgina, Head of the Electrical Equipment Department, Chief Engineer’s Office, State Tretyakov Gallery
- 16:40 **The significance of light in the renovation project of the Lunarium Interactive Museum**
Olga Timofeeva
Commercial Director, JSC "Planetarium" (Moscow Planetarium)
- 17:00 **Reconstruction of historic lighting**
Yuriy Karpenko
General Director of SAROS LLC

**17:20 -18:00 Performance by the St. Petersburg Saxophone Orchestra
(under the direction of Igor Kuznetsov)**

11:00–14:00 Session: "Lighting Equipment and Technologies"**State Hermitage Museum Storage Facility, Lecture and Exhibition Building, Lecture Hall****Chairmen:****Alexey Bogdanov** – Ph.D., Docent, Deputy Director for Operations of the State Hermitage Deputy Director of the State Hermitage Museum**Alexander Isaev** – Chief Power Engineer of the State Hermitage Museum**Sergey Gusev** – Head of the Maintenance Department of the State Hermitage Museum Storage Facility

- 11:00 | **Revealing the underpainting: a look at artworks in the infrared range**
Sergey Sirro
Deputy Director, Chief Curator, State Russian Museum
- 11:20 | **Restoration of faded texts in archival documents and historical artifacts using hyperspectral analysis technology**
Natalia Obukhova,
Dr. Sci. (Eng.), Professor, Dean of the Faculty of Radio Engineering and Telecommunications, Head of the Department of Television, Saint Petersburg Electrotechnical University "LETI"
Dmitry Makarov
Lead Specialist, NPF Poliservis LLC
- 11:40 | **Lighting challenges of 15th-century monumental painting in the Church of the Dormition in the Village of Meletovo: history and modernity**
Irina Melnikova
Senior Researcher, Pskov State United Historical, Architectural and Art Museum-Reserve
Dmitriy Rigin, Leading engineer for storage conditions, Pskov State United Historical, Architectural and Art Museum-Reserve
- 12:00 | **Museum Lighting Control: From Design to Implementation**
Sergey Torbeev
Director of the ASMO Systems Development Division, IEK DIGITAL
- 12:20 | **Changing the perception of art through light**
Natalia Kezina
General Director, SolArt LLC
- 12:40 | **Light in the exhibition as a part of museum scenography**
Irina Kiryukhina
Co-founder of Metaforma Bureau and Curator of Museum Projects
Representative of Aledo Company
Olga Rybkina
Lighting Concept Designer, aledo Company

13:00–14:00 Lunch

14:00–14:40 Master class "Best practices for visually stunning lighting in cultural exhibition design" by the sponsor - aledo company.

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

14:40–16:00 Sectional session " Lighting Equipment and Technologies "

Chairmen:

Alexander Isaev – Chief Power Engineer of the State Hermitage Museum

Sergey Gusev – Head of the Maintenance Department of the State Hermitage Museum Storage Facility

14:40 **Distance and comfort in museum lighting**

Eleonora Dvoretzkova

Design Engineer at Consero

15:00 **Challenges of selecting lighting fixtures for your project**

Marina Vasilyeva

Head of the Representative Office of JSC "Disano Illuminazione SPA" (Italy)

15:20 **About museum lighting in simple terms: 22 rules, as told by antique objects**

Natalia Potapova

Director of the Museum "Lights of Moscow"

15:40 **Preserving monumental painting under artificial lighting in a historic museum**

Viktor Dorokhov

Head of the laboratory of climate of museums and monuments of architecture, GosNIIR

16:00–17:00 Behind-the-scenes, technical tour of the State Hermitage Repository

11:00 – 14:00 Session: "Lighting Design and Engineering"

State Hermitage Museum Storage Facility, Lecture and Exhibition Building, Lecture Hall

Chairmen:

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

Alexander Isaev – Chief Power Engineer of the State Hermitage Museum

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| 11:00 | <p>Implementation of the lighting system at the Almaty Museum of Arts
 <i>Sergey Sizy</i>
 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</p> |
| 11:20 | <p>Lighting architecture in exhibition design
 <i>Valeria Gorelova</i>
 Founder and Lighting Designer, THE ViEW</p> |
| 11:40 | <p>Light as a holistic language of open-air museum space: an integrated solution for the Vyksa Art Park in the Nizhny Novgorod Region
 <i>Alfiya Devyatkovskaya</i>
 Junior Partner, Lead Lighting Designer, "Kultura Sveta" Lighting Design Bureau</p> |
| 12:00 | <p>Methodology for calculating museum lighting
 <i>Anna Ilchuk</i>
 Lighting Engineer, Lighting Engineering Department, Arlight Company</p> |
| 12:20 | <p>The use of natural and artificial lighting in museums
 <i>Kirill Solovyov, Ph.D. in Cultural Studies</i>
 Associate Professor at the Moscow State University of Civil Engineering</p> |
| 12:40 | <p>Architectural and artistic lighting of the New Chersonesus Museum and Temple Complex
 <i>Daniil Nikandrov</i>
 Lighting Designer, Martini RUS LLC</p> |

13:00–14:00 Lunch**14:00–14:40 Master class "The trinity of perception: color, light and texture" by the sponsor - Arlight company.**

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| 14:40 | <p>Slide-mapping — a technology for projecting images onto the surface of real objects
 <i>Pavel Gorbenko</i>
 Managing partner at BLACK RAYS, Lighting Designer, Author of the Slide-Mapping Technology</p> |
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15:00

Light as creator and destroyer: the nature of the appearance and degradation of the photographic image

Anna Aseeva

Independent expert in the field of photographic heritage preservation

Photographic Document Restorer of the Highest Category

15:20

The lighting scenario of an exhibition: from technical specifications to visual perception

Valentina Kazantseva

Lead Manager at ARTLIGHT

Ksenia Perevodchikova

Design Engineer at ARTLIGHT

16:00–17:00 Inside the Hermitage Vaults: A tour of the new open storage route