



II INTERNATIONAL SCIENTIFIC AND TECHNICAL
CONFERENCE "LIGHT IN MUSEUM"
20-22 April, 2020, St. Petersburg, the Hermitage Museum



II INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE "LIGHT IN MUSEUM"

St. Petersburg, the State Hermitage Museum, April 20–21,
2020

PROGRAM

2020



April 20, 2020

State Hermitage, General Staff Building

09:00 **Registration, welcome coffee**

10:00

Opening ceremony

- *Mikhail Piotrovsky*, Director of the State Hermitage Museum
- *Georgy Boos*, Chairman of STC "Svetotekhnika"
- *Alla Manilova*, Deputy Minister of Culture of the Russian Federation
- *Motoharu Takao*, Chairman of Lux Pacifica, Professor of Tokai University, Japan
- *John O'Hagan*, Director of Division 2 and Vice-President of the CIE
- *Anton Shalaev*, Deputy of the Department of Technical Regulating and Standardization of Russia

Plenary Session

State Hermitage, General Staff Building

Chair:

- *Mikhail Piotrovsky*, Director of the State Hermitage Museum
- *Georgy Boos*, Chairman of STC "Svetotekhnika"

11:00 **Lighting in museums as a priority development of lighting technology**

Georgy Boos

Chairman of STC "Svetotekhnika", the President of International Lighting Corporation "Boos Lightning Groups

11:20 **Actual issues of museum lighting**

Alexey Bogdanov

Deputy Director for Operations of the State Hermitage

11:40 **The relevance of the task of developing the regulatory framework of the museum lighting environment**

Anton Shalaev

Deputy of the Department of Technical Regulating and Standardization of RF

12:00 **Public Health Issues from Museum Lighting**

John O'Hagan

Director of Division 2 and Vice-President of the CIE, UK

12:30 Coffee-break

13:00 **Light and museum. The interaction of museum specialists and lighting engineers, as an urgent need for museum practice**

Marina Chistyakova

Chief curator of the State Historical Museum

13:20 **Light exposure and mitigation of risks to museum objects in a modern context**

Hannah C Harte

ACR FRSA Head of Preventive Conservation Collection Care Department British Museum, UK

- 13:40 **Light management as preventive conservation tool - experiences from the National Museums Berlin**
Stefan Simon
Rathgen Research Laboratory Berlin
- 14:00 **Opening of an experimental installation to determine correlated color temperature**
– *Mikhail Piotrovsky, Director of the State Hermitage Museum*
– *Alexey Bogdanov, Deputy Director for Operations of the State Hermitage*
- 14:30 **Lunch**

Plenary session “from light in museums to light for people”

State Hermitage, General Staff Building

- 16:00 **The implications of the human basis of lighting**
Warren Julian
Professor of the University of Sydney, Australia
- 16:20 **Lighting in halls of the Tretyakov Gallery. Experience of generations and look into the future**
Tatiana Gorodkova
Chief curator of the Tretyakov Gallery, Russia
- 16:40 **Psychophysiological Approaches on Human Centric Lighting**
Motoharu Takao
Chairman of Lux Pacifica, Professor of Tokai University, Japan
- 17:00 **Lighting in restoration workshops: current problems and solutions**
Dmitriy Sergeev
General Director of All-Russia Grabar Art Restoration Centre in Moscow, Russia
- 17:20 **The rise of human centric lighting: What does it mean for lighting museums?**
Kevin Houser
PhD, Illuminating Engineering Society of North America, Oregon State University; Corvallis,
Professor of Civil and Construction Engineering, USA
- 17:40 **Innovative Art Lighting Systems based on tunable LED light sources and hybrid optical designs**
Marco Angelini
Head of ELS R&D Product Development Clay Paky S.p.A., Italy

- 19:00 **Welcome reception**
State Hermitage, General Staff Building

April 21, 2020

State Hermitage, General Staff Building

10:00 Welcome coffee

Open session of the Scientific and Technical Council of the Russian Lighting Industry STC "Svetotekhnika" and sectional session of the section "Museum Lighting"

State Hermitage, General Staff Building

Chairmans:

- *Georgy Boos*, Chairman of STC "Svetotekhnika", the President of International Lighting Corporation "Boos Lightning Groups"
- *Alexey Bogdanov*, Deputy Director for Operations of the State Hermitage

11:00 **Museum Lighting Standards: Results and Prospects**

Bartseva Alexandra, Engineer of VNISI Russian Lighting Research Institute named after S.I. Vavilov, Russia

11:20 **The practice of using LED lighting in the exposition and exhibition spaces of a number of leading museums in Russia**

Nikolay Kukhtin, Deputy General Director of Tochka opory company

11:40 **Multifunctional tasks of restoration lighting (from the experience of restoration of the 12th century Bogolyub icon of the Mother of God)**

Alexander Gormatyuk, Ph.D. in art, Artist restorer of the All-Russia Grabar Art Restoration Centre in Moscow

12:00 **The State Hermitage: preservation and reconstruction of historical interiors using modern light sources**

Ekaterina Balakhnina, Leading Manager, Department of Chief Power Engineer, State Hermitage Museum

12:20 **To see invisible! Museum space adaptation for visually impaired visitors**

Potapova Natalia, Director of the Moscow "Lights Museum"

12:40 **Study of glass lighting for use in museum exhibitions**

Alexey Dudin, Guardian Glass architectural project manager

13:00 Lunch

Session "Museum spaces as an object of light design"

State Hermitage, General Staff Building

Chairman:

- *Elena Zaeva-Bourdonskaya*, Professor, Ph.D., Head of the Department of Environmental Design, Moscow State Stroganov Academy of Design and Applied Arts (Stroganov Academy)

14:00 **The renovation of Old Masters Picture Gallery Dresden / Developing and installation of a new lighting control system with a combination of daylight, indirect and accent lighting and our practical experiences**

Astrid Köhler, Dipl.-Ing., Department of construction, technology, security system of Dresden State Art Collections, Germany

- 14:20 **Museum space as an object of lighting design**
Karsten Winkels, Svetoproject company, Russia
- 14:40 **Lighting designer in museums - palaces**
Jean-Pierre Miras, Managing Director Sklaer GmbH Louvre/*Leonid Novakovskiy*, General Director of "Faros-Alef" company, Russia
- 15:20 **Lighting lending force: how to light up dinosaur?**
Anastasia Prikhodko, Ph.D., Docent of State, Academy of Architecture MARKHI, founder of the project "Laboratory of Light", Russia
- 15:40 **Modern approaches to museums lighting on the example of the concept of the Leonardo da Vinci Hall of the State Hermitage**
Sergey Siziy, Member of IALD, the School of Lighting Design LiDS
- 16:00 **Multilayer and multistorey light in museums exhibitions**
Roman Milshtein, CEO of ERCO, Russia
- 16:20 **Discussion**
- 17:00 **Tour of the General Staff Building of the State Hermitage Museum**

April 21, 2020

Discussions & Master Classes¹

State Hermitage, General Staff Building

14:00– **Panel discussion “Museum Lighting: Standardization and Control Issues”**
16:00 Chairman: Alexey Bogdanov, Deputy Director for Operations of the State Hermitage

Round Table Participants:

- *Eugine Rozovskiy, VNISI (Standard Developers)*
- *Anatoliy Chernyak, VNISI (Standard Developers)*
- *Alexander Isaev, The Hermitage Museum «Modern approaches and practical issues of the operation of lighting devices in the State Hermitage»*
- *Viktor Dorokhov, GosNIIR «Light and Climate. Standards and Practical Maintenance of the Preservation of Cultural Property»*
- *Sergey Borovkov, Lighting Business Consulting*

16:00– **Master class "Lighting equipment and principles of its application"**
17:30 Chairman: Vladimir Budak, Chef-editor of the “Light & Engineering” journal

Round Table Participants:

- *Denis Makarov, Lighting designer*
- *Leonid Novakovskiy, General Director of “Faros-Alef” company, Russia*
- *Elena Zaeva-Bourdonskaya, Professor, Ph.D., Head of the Department of Environmental Design, Moscow State Stroganov Academy of Design and Applied Arts (Stroganov Academy)*

¹ Sessions are in Russian language