The conference will be preceded by a 1 day workshop (19.09.2016) devoted to practical aspects of the use of lasers in conservation/restoration. The biennial LACONA conference gathers together researchers, conservators and conservation scientists, companies, architects, decision-makers and experts in laser-based techniques for the conservation of cultural heritage to share their latest projects and experiences. Accounts (both case studies and scientific reports) devoted to applications of coherent light in the restoration and examination of works of art and cultural heritage monuments are welcomed.

IMPORTANT DATES:

- 1st March 2016 – Deadline for submission of abstracts
- 15th April 2016 – Notification of acceptance
- 1st May 2016 – Deadline for submission of revised abstracts
- 15th May 2016 – Announcement of the final programme
- 1st June 2016 – Deadline for reduced registration fee
- 19th – 23rd September 2016 – workshop & conference
- 31st September 2016 – Deadline for submission of manuscripts for the conference proceedings

ABSTRACTS SUBMISSION:

Abstracts must be submitted **electronically only** to the conference office: **office@lacona11.org**.

To submit your 500 words abstract please use the submission from available from the conference web site: www.lacona11.org/abstract-submission/

The deadline for abstract submission is 1 March 2016.
All abstracts will be reviewed by the Permanent Scientific Committee and authors notified about the acceptance by 15 April 2016.

Conference office:

Malgorzata Walczak, PhD;
Academy of Fine Arts,
ul. Smoleńsk 9,
31-108 Krakow, Poland
office@lacona11.org

Conference Chair:

Piotr Targowski, PhD, Professor of Physics
Nicolaus Copernicus University,
Toruń, Poland
ptarg@fizyka.umk.pl

LACONA XI
LASERS IN THE CONSERVATION OF ARTWORKS

The Wawel Royal Catedral in Cracow - Sigismund's Chapel; photo: J. Marczak

Call for papers

11th Conference on Lasers in the Conservation of Artworks

20th - 23rd September 2016
Cracow, Poland

www.lacona11.org

CONFERENCE TOPICS:

Developments in laser removal of unwanted substances on culturally-important objects and monuments

Coherent light-based methods for imaging, documentation and examination of objects and structures:

- 3D documentation, stratigraphic and depth-resolved methods,
- holography,
- interferometry,
- shearometry,
- vibrometry,
- new instrumental and technological developments.

Case studies where laser-based methods have been used for conservation-restoration, documentation or analysis.
Laser-based spectroscopic techniques for analysis and monitoring, such as:

- Raman spectroscopy,
- Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS) and Laser Induced Breakdown Spectroscopy (LIBS),
- Laser-Induced Fluorescence spectroscopy (LIF) and Fluorescence Lifetime Imaging (FLIM),
- advanced non-linear imaging microscopy,
- terahertz spectroscopy and imaging,
- new spectroscopic and imaging techniques. Other projects or programmes in which coherent light technologies have been applied to the preservation of cultural heritage.

LACONA PERMANENT SCIENTIFIC COMMITTEE

LACONA XI
LASERS IN THE CONSERVATION OF ARTWORKS