



# RESEARCH AND DEVELOPMENT CENTRE FOR RENOVATION AND CONSERVATION

THE SCHOOL OF HIGHER VOCATIONAL EDUCATION IN NYSA



artificem  
opus

commendat

**conservation** ,research , renovation ,expertise, specialists , art ,  
monuments , heritage , **development**,

technologies , **experience** , history ,revitalization ,paintings , trainings,  
cooperation

# About us

Research and Development Centre for Renovation and Conservation in Nysa was established by the School of Higher Vocational Education in Nysa in 2004. It has been partly financed from the European Regional Development Fund within the Integrated Operational Programme of Regional Development.

Areas of expertise: CONSERVATORY RESEARCH & ANALYSIS (for historic objects, details and restoration materials), EDUCATION, PRESERVATION, CONSERVATION AND RENOVATION OF HISTORICAL OBJECTS.



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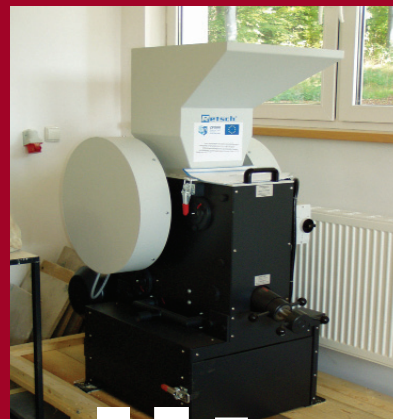


creatio

# Mission of the institution:

- to generate new knowledge by engaging in cutting-edge conservatory and material research
- to popularize sustainable conservation knowledge through a variety of educational and cultural actions and activities
- to coordinate all the actions in antiques safety and to operate for saving cultural heritage
- to contribute to the academic growth by offering state-of-the-art training courses and programmes
- to undertake collaborative projects which offer opportunities for long-term interaction between research and conservation and renovation sector or industry
- to develop international cooperation and exchange of knowledge and experiences by common projects and programmes





high quality



professional  
services



& tools

# Facilities and tools

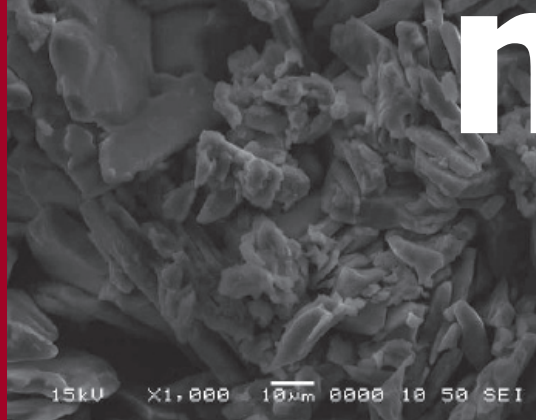
## Laboratories:

Analytical, Chemical, Ageing and Photographical Laboratories, Art Restoration Workshops:

- Laboratory of stone sculpture and architectural detail conservation
- Laboratory of easel and wall painting conservation
- Laboratory of wooden sculpture conservation
- Laboratory of ceramic conservation
- Laboratory of metal conservation

## RECENT REFERENCES/research:

**Auschwitz Museum** (metal corrosion), **Museum in Nysa** (paintings), **Cracow Academy of Art** (Weiss paintings and other), **Wawel Castle in Cracow** (Cranach painting), **Parish in Kępnica** (elevation), **St. Peter and Paul Church in Nysa** (elevation and inventory), **Parish in Nasiedle** (Church painting), Morgner paintings (Germany – private owner), **Biprostal Cracow**, **Fertilizer Research Institute in Puławy** (fertilizers), **Peter and Paul Church in Równo** (polychromes), **Paczków City Major** (elevations, mortars and pigments, stratigraphy).



more

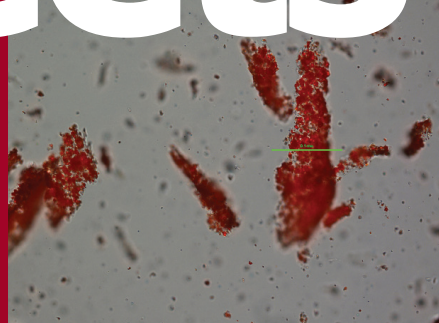


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eye

# Conservatory research & analysis

## **Non-destructive research (without taking samples):**

Documental and research photography / reflecting, passing and raking light / macro photography / IR reflectography / UV luminescence photography / X-ray photography

## **Analytical diagnostics (with taking micro samples):**

Microscopic and micro chemical composition analysis (e.g. pigments, mortars, salting, fibres, wood) / SEM and high-magnification microscopy microstructure analysis / SEM EDX qualitative and quantitative micro area analysis, structure analysis – stratigraphy, construction composition identification of painting layers, mortars, supports, stone, wood

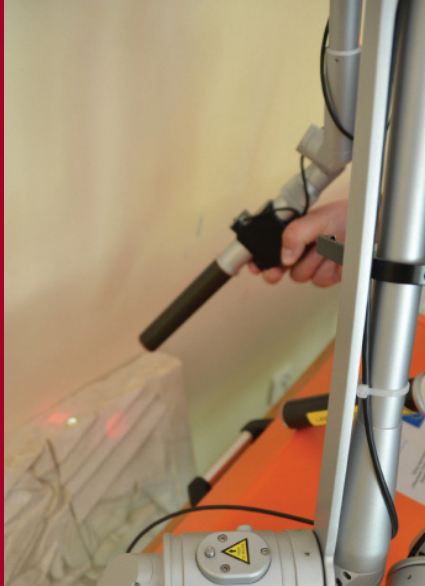
## **Materials science research:**

performing ageing / standard specification / comparative tests / evaluation of new materials and methods for conservation

## **Experiments and restoration services**

cleaning surfaces with lasers and other methods / non-standard actions and restoration works / organisation of restoration and research works / documentation / evaluation of the intervention treatment / monitoring the environmental conditions for conservation





modern

classical &

technologies



# Educational offer:

Sustainable conservation knowledge popularisation through a variety of actions and activities:

- cooperation with the Institute of Architecture and the renovation specialisation,
- open lectures and conferences,
- training courses, workshops and practical courses,
- international projects,
- assistance in getting funds for the conservation and restoration of historical objects,
- Science Festivals and Heritage Protection Days,
- artistic plain-air workshops (sculpture, painting, drawing, decorative, stained glass),
- counselling and consulting services,
- strategic preservation planning,
- publications.

it's never



late to



to



learn



something

# Preservation, conservation, restoration of historical objects

- conservation and restoration of movable and architectural monuments
- supervision over renovation works
- photographic, drawing and descriptive documentation
- preservation, conservation and restoration of art and architectural objects in outdoor settings
- laser cleaning

## RECENT REFERENCES/conservatory works

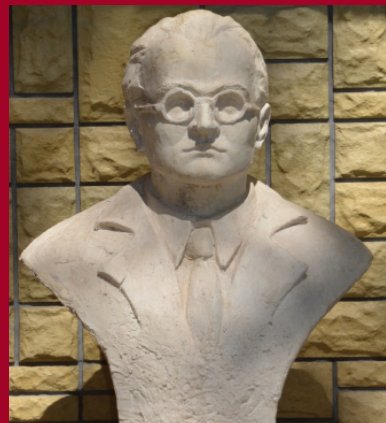
**Praszka Association** (stone statue), **Parish in Kępnica** (wooden altar renovation and gilding), **Fire Station in Nysa** (elevation), **Parish in Nasiedle** (Church painting), **Nysa City Major** (stone tombs)



practice



makes



perfect



# Projects

## Leonardo da Vinci Pilot and Partner Projects - [www.reseltam.org](http://www.reseltam.org)

- **RESELTAM:** Development of web-bases education module for the craftsmen working in restoration sector to receive a vocational training according to European Quality Standardization
- **RESELTAM II:** Sharing knowledge and good practices between the craftsmen in restoration sector

## ERASMUS Intensive Programme - [www.consarch.pwsz.nysa.pl](http://www.consarch.pwsz.nysa.pl)

- **ConsArch, ConsArch2:** Conservation in Architecture

## EU-Research Project - [www.constglass.fraunhofer.de](http://www.constglass.fraunhofer.de)

- **CONSGLASS:** Conservation Materials for Stained Glass Windows

## EU-Cultural Project

- **DECORUM:** Inventory of European domestic painted architecture

## Networks - [www.elia-artschools.org](http://www.elia-artschools.org)

- **ELIA-European League of Institutes of the Arts (ELIA)** is an independent membership organisation representing approximately 350 higher arts education institutions from over 45 countries and founded in 1990. ELIA represents all disciplines in the arts, including architecture, dance, design, fine art, media arts, music and theatre.



sharing

& spreading



best



practices

# Partners

- Municipal and Public authorities
- Cultural heritage protection institutions
- Colleges and universities
- Students
- Town citizens,
- Architectural firms
- Historical societies
- Corporate collections
- Museums
- Churches and other religious institutions
- Individual collectors
- Galleries
- Foreign institutions

# Professional staff

**Paweł Karaszkiewicz, Ph.D., eng.**-Scientific director

**Anna Opalka, M.Sc.**-Administrative and international cooperation director

**Renata Szelwach, M.Sc.**-Conservatory works

**Katarzyna Stefanczyk, Ph.D.**-Research

**Łukasz Gadomski B.A.**-Restorer, laser cleaning

*Depending on the work and areas of expertise, cooperating staff, conservators or researches as well as talented interns and assistants are hired to help with the projects, always under the supervision of the professional staff.*



PAŃSTWOWA WYŻSZA  
SZKOŁA ZAWODOWA  
W NYSIE

[www.centrumkonserwacji.pl](http://www.centrumkonserwacji.pl) / [www.conservation.pl](http://www.conservation.pl)



**Research and Development Centre for Renovation and Conservation**

**Obrońców Tobruku 5a st.**

**48-300 Nysa**

**tel. +48 77 409 16 88**

**fax.+48 77 409 11 59**

**e-mail: [centrumkonserwacji@pwsz.nysa.pl](mailto:centrumkonserwacji@pwsz.nysa.pl)**

**Meritoric coordination:**

**Anna Opałka**

**Graphics:**

**Łukasz Gadomski**

**Photos:**

**Piotr Dudek**

**Łukasz Gadomski**

**Dominika Kurjańska**

**Renata Szelwach**

**Katarzyna Stefańczyk**

**Sebastian Wójcik**