

## TEMATICĂ

**pentru examenul de licență la proba**

### **CUNOȘTINȚE FUNDAMENTALE ȘI DE SPECIALITATE**

#### **1. Conservarea și restaurarea operei de artă (pictură murală, pictură pe panou de lemn, suport litic)**

##### **Tematică:**

1. Tehnici tradiționale utilizate în realizarea operei de artă (pictură murală, pictură pe panou de lemn, lemn policrom, piatră)
2. Procese specifice de degradare a operei de artă; realizarea diagnosticului înainte de intervenția de conservare-restaurare
3. Metode și materiale folosite în curățarea operelor de artă pe suport mural, lemn și litic
4. Metode de consolidare a picturilor murale, a picturilor pe panou (strat pictural și suport), a pietrei;
5. Tratatamentul lacunelor
6. Documentația de conservare și restaurare

##### **Bibliografie selectivă:**

#### **I. Pictură murală/Teoria restaurării**

1. **Ali Miri**, *The Concept of Cultural Heritage Preservation*, *e-conservation magazine*, No. 24 (2012) pp. 177-182, <http://www.econservationline.com/content/view/1082>
2. **Kazmer Kovacs**: *Timpul monumentului istoric*, Ed. Paideia, 2003
3. **Ashurst John Mortars**, *Plasters and Renders in Conservation*. Ecclesiastical Architects and surveyors Association, 1994.
4. **M. Andaloro**, *La teoria del restauro nel Novecento da Riegl a Brandi*, International Conference, Viterbo, 12-15 November 2003, Nardini, Firenze, 2006
5. **M. Racheli**, *Restauro e architettura : teoria e critica del restauro architettonico e urbano dal XVIII al XXI secolo*, Gangemi, Roma, 2007

6. **Mora Paolo și Laura, Philippot Paul:** Conservarea picturilor murale, Ed. Meridiane, 1986.
7. **Cesare Brandi:** Teoria restaurării, Ed. Meridiane, București, 1996.
8. **Salvador Munoz Vinas,** Contemporary Theory Conservation; Taylor&Francis LTD; 2004

## II. Pictură pe panou de lemn; lemn policrom

1. **Francoise Deschamps, Blanca Noval Vilar, Irene Sen:** A methodological approach to the conservation project for the main altarpiece of Santo Domingo de Guzman, Yanhuitlan, State of Oaxaca, Mexico, în Descamps, Françoise, ed. 2006. *Methodology for the Conservation of Polychromed Wooden Altarpieces: An International Conference Organized by the Getty Conservation Institute and the Instituto Andaluz del Patrimonio Histórico, Seville, May 2002.* Sevilla; Los Angeles, CA: Junta de Andalucía; J. Paul Getty Trust, pp. 183 – 197.  
[https://www.getty.edu/conservation/publications\\_resources/pdf\\_publications/pdf/polychrome\\_eng.pdf](https://www.getty.edu/conservation/publications_resources/pdf_publications/pdf/polychrome_eng.pdf)

2. **Dardes, Kathleen, and Andrea Rothe,** eds. 1998. *The Structural Conservation of Panel Paintings: Proceedings of a Symposium at the J. Paul Getty Museum, 24-28 April 1995.* Los Angeles, CA: Getty Conservation Institute.  
[http://hdl.handle.net/10020/gci\\_pubs/panelpaintings](http://hdl.handle.net/10020/gci_pubs/panelpaintings)

3. **Phenix, Alan, and Sue Ann Chui,** eds. 2011. *Facing the Challenges of Panel Paintings Conservation: Trends, Treatments, and Training: Proceedings from the Symposium Facing the Challenges of Panel Paintings Conservation: Trends, Treatments, and Training Organized by the Getty Conservation Institute, the Getty Foundation, and the J. Paul Getty Museum: The Getty Center, Los Angeles, May 17-18, 2009.* Los Angeles, CA: Getty Conservation Institute.  
[http://hdl.handle.net/10020/gci\\_pubs/facing](http://hdl.handle.net/10020/gci_pubs/facing)

4. **Wallert, Arie, Erma Hermens, and Marja Peek,** eds. 1995. *Historical Painting Techniques, Materials, and Studio Practice: Preprints of a Symposium Held at the University of Leiden, the Netherlands, 26-29 June, 1995.* Marina Del Rey, CA: Getty Conservation Institute.  
[http://hdl.handle.net/10020/gci\\_pubs/historical\\_painting](http://hdl.handle.net/10020/gci_pubs/historical_painting)

5. **Dorge, Valerie, and F. Carey Howlett,** eds. 1998. *Painted Wood: History and Conservation.* Los Angeles, CA: Getty Conservation Institute.  
[http://hdl.handle.net/10020/gci\\_pubs/paintedwood](http://hdl.handle.net/10020/gci_pubs/paintedwood)

6. **Knut Nicolaus,** *The Restoration of Paintings,* Konemann, 1999

7. **Masschelein-Kleiner, L.,** *Les Solvants,* Brussels, Royal Institute for Cultural Heritage, 1994, Conservatiecursussen 2

**8. Masschelein-Kleiner**, *Ancient binding media, varnishes and adhesives*, ICCROM, 1995 (disponibilă la sediul departamentului)

### III. Piatră

1. **Ashurst John**: „*Mortars, Plasters and Renders in Conservation*”, Ecclesiastical Architects' and Surveyors' Association;

\*\*\* - „*Le dessalement des materioux poreux*”, Journées d'études de la SFIIC,

2. Poitiers, 9-10 mai 1996;

3. **Camuffo Dario**: „*Microclimate for cultural heritage*”, Environment and Climate research

4. **Camuffo Dario**: *Deterioration Processes Of Historical Monuments*, National Research Council, cnr-ictr, Padova, Italy

5. **E. M. Winkler**: „*Stone: Properties, Durability in Man's Environment*”, Springer, 1994;

\*\*\* - „*Interdisciplinary Studies in Ancient Stone*”, ASMOSIA 5: Marble and Other

\*\*\* - *Stones in Antiquity*, eds. J. Herman et al., Archetype, 2002.

6. **Lindley** - „*Sculpture Conservation: Preservation or Interference*”, Scholars Press, 1997;

7. **Lorenzo Lazzarini, Marisa Laurenzi Tabasso**, *Il Restauro della Pietra*, CEDAM-Padova 1986

8. **Mora Paolo și Laura și Philippot Paul** *Conservarea picturilor murale*. Ed. Meridiane, 1986

9. **Nicolae Anastasiu**, *Minerale și roci sedimentare, Determinator*, Editura Tehnică București

10. **Price C. A.**: „*Stone Conservation*”, An Overview of Current Research, The Getty Conservation Institute, 1996;

11. **Fassina V. (2001)** – *Air pollution, 14th International Course on the Technology of Stone Conservation, Venice 2001*

12. **Rolf S. (2006)** – *Porous building materials: materials science for architectural conservation, 14th International Course on the Technology of Stone Conservation, Venice 2001*

13. **Sandu I., Brânzilă M., Sandu G.I. 2009** *Conservarea științifică a monumentelor de piatră*. Editura Universității „A. I. Cuza” Iași

14. **Torraca G. (1988)** – *Porous Materials Building, editia a III-a, ICCROM*

15. **Winkler M.E. (1975)** – *Stone, properties, durability in man's environment*. Springer Verlag, Heidelberg Wien

## 2) Noțiuni fundamentale de biodeteriorare, chimie, fizică.

### Tematică:

1. Biodeteriogeni ai operelor de artă
2. Fenomene specifice de biodeteriorare
3. Lianți organici, lianți anorganici.
4. Solvenți și adezivi folosiți în procesul de conservare (pictură murală, pictură pe panou de lemn, lemn policrom, piatră)
5. Pigmenți
6. Verniuri

### Bibliografie selectivă:

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2. **Dicheva V. si colab.**, 2009, Filamentous Fungi From Rila Monastery: Isolation and growth characterization, *Biotechnol. & Biotechnol. EQ.* 23/2009/SE
3. **Gomoiu I., Mohanu D., Serendan C., Mohanu I., Apostol V., Bâlici S.**, 2014, Wax as organic material for biodeteriogens in historical and archaeological monuments, *Restitutio*, 8, 22-27
4. **Gomoiu I., Mohanu D., Rahira F.**, Conservation issues on the anastylosis restoration project of the Brâncovenesc column from Old Princely Court, 2015, *Restitutio* 9, D.Dusti National Village Museum Eds, ISSN 2065-2992, 368p, 345-349, 2015
5. **Gomoiu, I., Mohanu, D., Mohanu, I., Enache, M., Cojoc, R.**, 2016. Analysis of historical monuments through the lens and electrons. Case study: the monastery Hurezi, in: 3rd Int. Multidisciplinary Microscopy and Microanalysis Congress (InterM). Proceedings, Oludeniz, Turkey, 19-23 October 2015, E.K. Polychroniadis, A.Y. Oral, M. Ozer (eds.), Springer Proceedings in Physics, Springer International Publishing, 186, 195-203, DOI: 10.1007/978-3-319-46601-9\_23, Print ISBN: 978-3-319-46600-2
6. **Gomoiu, I., Mohanu, D., Mohanu, I., Enache, M., Serendan, C., Cojoc, R.**, 2017. Pink discoloration on frescoes from Hurezi monastery, Romania, *Journal of Cultural Heritage*, 23, 157-161 Elsevier Masson France, doi: 10.1016/j.culher.2016.09.001
7. **Gomoiu I., Mohanu D., Mohanu I.**, Biodeterioration of wooden churches and developing strategy for restoration. Case study: The church of Urși, 2015, *CAIETE ARA* 6, pp 255-262, ARA-Architecture.Restoration.Archaeology Publishing, ISSN 2068-0686

8. **Mohanu I, Mohanu D, Gomoiu I**, et al, 2016, Study of the frescoes in Ionești Govorii wooden church (Romania) using multi-technique investigations, *Microchemical Journal*, 126, 332-340
9. **Mohanu I, Mohanu D, Gomoiu I, A. Moanta, L. Radu, C. Serendan**, 2016, Evaluarea caracteristicilor mortarelor cu var armate cu fibre de cânepă, *Revista de Română de Materiale*, 4, 431-436
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11. **Gomoiu I, Mohanu D, Paviliuc K**, Deterioration of mural painting from the refectory of Hurezi Monastery, 2016, *Restitutio* 10, D.Dusti National Village Museum Eds, ISSN 2065-2992, vol I, 34-
12. **Caneva G., Nugari M.P., Salvadori O.** (1991) – *Biology in the conservation of works of art*
13. **Ioan Istudor**: "Notiuni de chimia picturii", editura ACS, 2011.

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