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## **MEMBERSHIP & HONORS**

### **Professional Associations**

- Member of ICOM-CC Norway (since 2023);
- Member of the Research group NorCol (*Norwegian colours: production, use and trade of dyestuffs and pigments in Norway from Iron Age to modern times*), Oslo, Norway (since 2023);
- Active member of the Romanian Association of Archaeometry (since 2012);
- Honorary associate and member of the Scientific Committee of the Cultural Association *ICONE: Ricerca e Conoscenza*, Biella, Italy (since 2004);
- Founding Member of the Romanian Forum of Inventors and Creators, Iasi, Romania (since 2004);
- Associate member of *BASTIONI Association* for Restoration and Research of Artworks in Florence, Italy (2007-2009);
- Associate Member of the Italian Group of the International Institute for Conservation (IGIIC), Turin, Italy (2003).

### **Evaluation of research projects and peer-reviewing**

- Expert evaluator for FP7/Horizon 2020 calls (since 2011);
- Expert evaluator of the Polish Academy of Sciences (since 2013);
- Review panel member for a PhD thesis from University of Bari/Italy (2015);
- Reviewer of *Analytical Methods* (since 2020);
- Reviewer of *Microchemical Journal* (since 2016);
- Reviewer of *Color Research and Application* (since 2015);
- Reviewer of *Conservar Patrimonio* (since 2015);
- Reviewer of *Microscopy and Microanalysis* (since 2015);
- Reviewer of *Heritage Science* (since 2014);
- Reviewer of *Archaeometry* (since 2014);
- Reviewer of *Spectrochimica Acta A* (since 2013);
- Reviewer of *Cellulose* (since 2013);
- Reviewer of *Journal of Cultural Heritage* (since 2013);
- Reviewer of *Egyptian Journal of Archaeological and Restoration Studies* (since 2012);

- Reviewer of *Journal of Scientific Research and Reports* (since 2012);
- Reviewer of *Surface and Interface Analysis* (since 2011);
- Reviewer of IJCS - *International Journal of Conservation Science* (ISSN 2067-533X);
- Reviewer of ECR - *Estudos de conservação e restauro* (ISSN1647-2098).

## **Scientific committees**

- Member of the Committee for the Master degree in Conservation Science and Technology for Cultural Heritage, Ca Foscari University, Venice, Italy;
- Member of the Scientific Committee, chair of a session and co-editor of special Issue of COLOUR RESEARCH AND APPLICATION for the international conference *COLOURS2022: Bridging science with Art*, 14-16<sup>th</sup> September 2022, Evora, Portugal;
- Chair of *Paintings III session IIA/day 10<sup>th</sup>* of May, the International Conference TECHNART 2019, Bruges, 7-10<sup>th</sup> of May 2019, Belgium;
- Member of the Scientific Committee of the *2nd International Symposium on Degradation and Conservation of Historical Materials and Structures*, Vila Real (University of Trás-os-Montes and Alto Douro), Portugal, 2018;
- Member of the Scientific Committee of the International Conference: *O Retábulo no espaço Iberoamericano: forma, função e iconografia (The altarpiece in the Ibero-American space: shape, function and iconography)*, 26 - 27 November 2015, Instituto de História da Arte, UNL, Lisbon;
- Member of the Scientific Committee of the International Conference: *COLOURS 2015 - Bridging Science with Art*, 24-26 September 2015, Évora University;
- Member of the Editorial Board of the journal *The Iranian Conservation Science Journal*, published by Iranian Research Center for Conservation of Cultural Relics, 2017;
- Member of the Editorial Board of the online journal IJCS - *International Journal of Conservation Science* (ISSN 2067-533X);
- Member of the scientific committee of the online journal published by CITAR-UCP, *ECR - Estudos de conservação e restauro* (ISSN1647-2098).

## **PRIZES & AWARDS**

- Certificate of Outstanding contribution in Reviewing awarded in November 2017 from **Microchemical Journal**, Elsevier (2017);

- Certificate for **Highly cited research** given by **Journal of Cultural Heritage, Elsevier** for the paper „Protein identification and localization using mass spectroscopy and staining tests in cross-sections of polychrome samples” (2016);
- **Excellence Diploma** for „Innovative multimedia online tool for the study of gilded carved wood in Portugal”, EUROINVENT 2014, Iasi, Romania (2014);
- **Gold Prize** of the **International Engineering Invention & Innovation Exhibition (i-ENVEX)** 2014, Malaysia Perlis University for the invention „Procedure for chromatic reintegration of paintings” (2014);
- **Gold Medal and Diploma** for the study on „new formulations for cleaning painted artefacts”, EUROINVENT 2012, Iasi, Romania (2012);
- **Special Award**, EUROINVENT 2010, Iasi, Romania (2010);
- **Special Prize** of the Technical University from Rep. of Moldova, IVth International Exhibiton of Inventions NEW TIME, Sevastopol, Ukraine (2008);
- **Prize** of the Harkov University, IIIrd International Exhibiton of Inventions and New Technologies NEW TIME, Sevastopol, Ukraine (2007);
- **CHARTE pour la contribution à la stimulation au développement et á la promotion de la créativité á „Brussels Eureka” Bruxelles**, Bureau do Delegue Officiale du Salon des Innovations, des Recherches et des Nouvelles Technologies pour la Bosnie-Herzegovine (2006);
- **Merit de l’invention - Diplome de Commandeur**, Commision Supérieure des Récompenses do Salon des Inventions „Brussels Eureka” Bruxelles (2005);
- **Special Prize** of the Superior School Pricinosti, Ukraine-Estonia-Belgium, International Exhibition of Inventions and New Technologies NEW TIME, Sevastopol, Ukraine (2005);
- **ANCS-MCT Prize**, National exhibition of inventions, research and new technologies, with international participation, INVENTIKA 2005, IXth edition, București, Romania (2005);
- **Silver trophy GENIUS-EUROPA**, International Exhibition of Inventions and Fine Arts, GENIUS-EUROPA 2004, Budapest, Hungary (2004);
- **Merit de l’invention - Diplome de Officier**, Commision Supérieure des Récompenses do Salon des Inventions „Brussels Eureka” Bruxelles (2004);

- **Excellency Diploma** and „**M. Eminescu**”**Cultural Merit** for the monograph „*Colorimety in art*”, Ed. Corson, Iași, delivered by the National Institute for Romanian Culture and Society, International Exhibition of Books, Palace of Culture in Iași, Romania (2003);
- **Excellency Diploma of the International Workshop R.U.R.A.L.I.A** - “De Ruralibus Locis” 2003, Accademia dei Georgofili, Florence, Italy (2003);
- **Merit de l’invention - Diplome de Chevalier**, Commision Supérieure des Récompenses do Salon des Inventions „Brussels Eureka” Bruxelles (2003);
- **Special Prize ALMA MATER IASSYENSIS** for the monograph „*Chemistry for conservation and restorationi*”, vol. I-II, Ed. Corson, Iași, delivered by the National Institute for Romanian Culture and Society, International Exhibition of Books, Palace of Culture in Iași, Romania (2002);
- **Special Prize ALMA MATER IASSYENSIS** for the monograph „*Compendium of Biochemistry – Structural biochemistry*”, *vol I*, Ed. Corson, delivered by the National Institute for Romanian Culture and Society, International Exhibition of Books, Palace of Culture in Iași, Romania (2000);
- **Diploma/Master in Beni Culturali e Ambientali**, Università Popolare Subalpina, Biella, italy (1998);
- **Special Mention** at the Contest of Creation, Interpretation and Theory of Byzantine Art, “G. Enescu”, Fine Arts Academy in Iași, Romania (1996);
- **Attaché de Recherche (Art/Patrimoine Artistique)**, Haute Ecole de Recherche AUPAC/UNESCO, Paris, France (1995).

## **ORGANIZATION OF INTERNATIONAL CONFERENCES, ROUND-TABLES AND WORKSHOPS/SEMINARS**

1. Member of **the organizing committee for the ICOM-CC conference** in Oslo, September 2026 (national coordinator is National Museum in Oslo);
2. Main chair and organizer of the **international conference MUNCH2022**, „*Understanding MUNCH and the art at the turn of the centuries: from the museum to the lab*”, 21st - 23rd March 2022, MUNCH museum, Oslo, Norway;

3. **Sharing Forum** on “*Model samples and modern reference materials collections – their use in conservation research*“, organized by MUNCH museum, Oslo, 15th February 2022;
4. **Sharing Forum** on “Edvard Munch sketches: an interdisciplinary approach to the study of their materiality and degradation mechanisms“, organized by MUNCH museum, Oslo, 30th November 2021;
5. Organizer of the **Seminar** entitled „*Interdisciplinary research around the Scream series: diagnosis, characterization and conservation*“, held on 6th of October 2017 on the occasion of the **first week of MOLAB access**, Munch Museum, Oslo, Norway;
6. Co-organizer of the training workshop held by Prof. Richard Wolbers at Munch Museum (Conservation Department) on “**Cleaning painted surfaces and paper at the Munch Museum**“, 16-20th January 2017, Oslo, Norway;
7. Member of the Organizing Committee of the **3rd Luso-Brasilian Meeting of Conservation and Restoration**, HERCULES – Evora University, 11th-14th of November 2015, Evora, Portugal;
8. Main chair and organizer of the international conference **GILT-EnArt2015 Gilding materials and techniques in European Art**, HERCULES – Evora University, 25th-27th of May 2015, Evora, Portugal;
9. Organizer of the first international workshop on **Visualizing Molecular and Conservation Processes for Cultural Heritage with 3D Animation**, lecturer Dr. Janet Iwasa from Utah University, 6-10 October 2014, HERCULES – Evora University, Evora, Portugal;
10. Co-chair and Member of the Organizing Committee of the **InArt’13 - First International Conference on Innovation in Art Research and Technology**, HERCULES – Evora University, 10th-13th of July 2013, Évora, Portugal;
11. Member of the Organizing Committee of the **International Symposium and Workshop on Cultural Property Risk Analysis**, 14th-16th of September 2011, Universidade NOVA de Lisboa, Portugal;
12. **Discussion Panel** on „Review and assessment of existing methods for investigating surface properties of different object typologies to be proposed for treatment documentation and evaluation of objects subject to conservation“, November 2006,

organized by OPD and ICVBC-CNR in the framework of the Eu-artech Project, Florence, Italy;

13. **Meeting of the members** of the EPISCON project: European PhD in Science for Conservation at the “Al.I.Cuza” University of Iasi, Romania (June 2006);
14. **Round-table on „Methods and materials for conservation”**, 2003-2004, in the framework of the NA2 activity of the LabSTECH project, Florence, Italy;
15. Member of the organization committee of the **International Colloquium "The Science, the Technique and the Art of Conservation and Restoration of the Cultural Heritage"**, 1995-1998, „TABOR” Metropolitan Research Centre in Iasi, Romania.

## **TEACHING AND TRAINING EXPERIENCE**

1. Workshop «Advancing your research practice - Research publications, peer-reviewing and citations impact», MUNCH museum, 2<sup>nd</sup> March and 15<sup>th</sup> June 2023;
2. Workshop «Developing Researchers - Research for cultural heritage in between museum and academia. What & How & Why», MUNCH museum, 11<sup>th</sup> January 2023;
3. Lecture on “Multi-technique and multiscale approaches to the study of old and modern paintings” in the framework of the summer school “Diagnosis in Heritage Science: 3. Focus on paintings”, University of Pisa, Italy, 6-10<sup>th</sup> September 2021;
4. Workshop “From raw materials to the final art object”, 2 groups of kids (aged 8 to 12) at Sommerskolen activities at MUNCH, June 2021;
5. Online seminar to the students from the course of Technical Art History (ARTIS-IHA/FLUL) in the series Heritage talks, “A contribucao do projecto Gilt-Teller ao conhecimento das tecnicas de douramento na talha portuguesa entre os seculos XVI e XIX”, 7th May 2021;
6. Online seminar no ambito de “O exame e analises da colecoes: Contributos para o seu Estudo e Gestao”, Master Degree in Museology at the Faculty of Letters of Porto University and the Hercules Centre of Evora University, “A colecao de Edvard Munch: estudo de casos e potencialidades (The collection of Edvard Munch: case study and potentialities)”, 8th February 2021;
7. University of Evora, IIFA, Seminars on „Strategies for increasing productivity, writing scientific publications and oral presentations to the public”, March-May 2016;

8. University of Evora, Seminary on “Interdisciplinary approaches on gilded carved wood in Portugal” given within the ARCHMAT Erasmus Mundus master programme, 31st of October 2014;
9. NOVA University of Lisbon, Faculty of Sciences and Technology, Seminars on “Optical Microscopy and Staining tests” (2010-2011) and Semestrial BS Course on “Diagnosis of paint layers “(2008), Department of Conservation and Restoration of Cultural Heritage;
10. Libera Accademia di Belle Arti, Florence, Italy (2007) – Course in “Multimedial Technologies for Conservation”;
11. Bologna University, Ravenna Branch (2006) – Course on “Restoration of Ancient Icons, theoretical and methodological aspects” during the Episcop PhD in Science for Conservation, Ravenna, Italy;
12. “Gh. Asachi” University, Iasi, Romania (2000/2001) – Annual course on “Basic Principles of Conservation and Restoration” in the Master in Conservation of buildings and monuments;
13. “Al.I. Cuza” University, Iasi, Romania (1997/1998) – teaching activity in the graduation courses in Conservation (Chemistry for conservation, History of Religious Art etc.) and organization of summer workshops and a course at “Al.I.Cuza” University, thought by international experts in conservation (Agnes Brokerhof from ICN-Holland among others).

## **SUPERVISION of TRAINEES & THESES**

(10 Bsc, 13 Msc, 5 PhD)

**Nina Eckertz** – NTNU, Color Science Lab & MUNICH, 2024-2026, PhD research project (co-supervisor);

**Beatrice Boracchi** – Ca Foscari University in Venice, Italy, May-October 2023, master thesis in Conservation Science and technology for CH, *Unraveling Color Transformation and Material Degradation in Munch's Artworks: Ultramarine Blue and Cobalt Blue Industrial Oil Paints* (co-supervisor);

**Beatrice Boracchi** – Ca’ Foscari University in Venice, Italy, February-May 2023, Erasmus Plus traineeship, Oslo (supervisor);

**Ana Margarida Cardoso** - University of Evora, Hercules Center, PhD research project “*On the Art of Edvard Munch - multianalytical study of its painting materials and degradation mechanisms*”, 2020-2024 (co-supervisor);

**Andrea Casini** – Università degli Studi di Firenze, PhD research project on *Development and testing of a nano-polysaccharide based consolidant for matt and porous modern artworks*, November 2018-2021, consultant;

**Silvia Giorgi** – Università degli Studi di Firenze, *Multi-technique characterization of a palette from Edvard Munch’s collection*, December 2018 - April 2019, Oslo (supervisor);

**Marius Landsverk** - HiOA, NMBU and Munchmuseet co-supervision, Master thesis on *Characterization of organic art materials by GC-MS and complementary techniques – towards a library of reference materials and its analytical validation*, November 2017-December 2018, Oslo (co-supervisor);

**Andrea Casini** – Università degli Studi di Firenze, *Materials and tools for the conservation of modern art*, Erasmus Plus Programme, March - September 2018, Oslo (supervisor);

**Group H made of 4 students in the EPS programme** – 5 months project on *Design of an archival cart with shock and vibration damping for transportation of paintings at the Munch Museum*, August – December 2017, Oslo (external supervisor);

**Misra Kaya** – Koc University, Istanbul, *Sampling and sample preparation from Modern art at Munch Museum*, Erasmus Plus Programme, June - July 2017, Oslo (supervisor);

**Andrea Marchetti** - Ca’ Foscari University in Venice, *Characterization of gilded samples using a multi-technique approach for the detection of compositional markers*, Erasmus Plus Programme, master degree, August - December 2016 (consultant of the project);

**Maura Fugazzoto** - University of Bologna, Ravenna Branch, *Interdisciplinary study of gilding techniques and materials in painted and sculpted artifacts of cultural heritage*, Erasmus Plus Programme, master degree level, April - July 2015;

**Iloa Viliunaite** - University of Evora, 3 months stage within the ARCHMAT ERASMUS Mundus master programme, *Sampling and characterization of Portuguese gilded artifacts and of their historical reconstructions on wooden support*, November 2014 - February 2015;

**Vanda Amaral** – University of Evora, 5 months BI scholarship (January-May 2015) in the framework of the project entitled: *GILT-Teller: an interdisciplinary multi-scale study of gilding techniques and materials in Portugal, 1500-1800* (PTDC/EAT-EAT/116700/2010), funded by FCT-MCTES;

**Patricia Serrano** – University of Evora, 6 months stage within the INICI(AR)3 - Iniciação à Investigação Científica aplicada às Artes, ARqueologia e Arquitetura project, *Preparation and*



*microscopy study of gilded and polychrome samples from Portuguese altarpieces and wooden sculptures*, bachelor degree in Biotechnology, September 2014-March 2015;

**Valentina Valbi** - University of Bologna, Ravenna Branch, *Sampling and characterization of gilded artifacts from Portuguese and Italian heritage*, Leonardo da Vinci Programme, June-October 2014;

**Michal Michalski** - University of Science and Technology (AGH), Department of Non-Ferrous Metals, Cracow, Poland, *Reconstruction of gilded structures in the lab accompanied by video- and photo-registration*, PhD student, ERASMUS Programme, April-July 2014;

**Francesca Paba** – José de Figueiredo Laboratory (DGPC, Lisbon), 17 months BI scholarship (January 2014-May 2015) in the framework of the project entitled: *GILT-Teller: an interdisciplinary multi-scale study of gilding techniques and materials in Portugal, 1500-1800* (PTDC/EAT-EAT/116700/2010), funded by FCT-MCTES;

**Rita Veiga** – DCR/FCT, Nova University in Lisbon, 1 year BI scholarship (June 2012-May 2013) in the framework of the project entitled: *GILT-Teller: an interdisciplinary multi-scale study of gilding techniques and materials in Portugal, 1500-1800* (PTDC/EAT-EAT/116700/2010), funded by FCT-MCTES;

**Ana Catarina Almeida** – REQUIMTE/FCT, Nova University in Lisbon, *Biochemical study of proteinaceous binders used in polychrome works of art from cultural heritage*, Supervisor (second semester of the academic year 2011/2012, Bachelor in Chemistry, Project of Applied Chemistry – Biotechnology Branch);

**Catarina Cortes Pereira** – DCR/FCT, Nova University in Lisbon, *Application of enzymes and ionic liquids for the removal of proteinaceous layers from polychrome works of art and the evaluation of the cleaning effectiveness*, main supervisor of a master thesis and co-supervision by Dr. Luís Branco and Dr. Tito Busani, 2012;

**Flavia Pires** – DCR/FCT, Nova University in Lisbon, voluntary stage between February and July 2012 on topics related with *the biochemical and microscopic analysis of paint samples*, Bachelor degree in Biotechnology from the Evora University;

**Donata Magrini** - ICVBC-CNR, Florence, Italy, *Analyses of organic proteinaceous binders in polychrome works of art using immuno-chemical methods*, REQUIMTE-FCT/UNL supervision, 3 weeks project within PhD thesis (June 2011);

**Michaela Crhova** - Institute of Chemical Technology (ICT) in Prague, *Identification of protein additives in mortars using immunochemical methods*, REQUIMTE-FCT/UNL supervision, December 2010/April 2011 (PhD student, ERASMUS programme);

**Joana Robalo** – REQUIMTE/FCT, Nova University in Lisbon, *Study on the fluorescence microscopy of proteinaceous binders in polychrome works of art*, supervision, 2010 (Bachelor in Chemistry, Project of Applied Chemistry – Biotechnology Branch);

**Joana Fortio Fernandes Pacheco Viana** - REQUIMTE/FCT, Nova University in Lisbon, *Biochemistry of Art*, supervision, 2009/2010 (BII project funded by FCT-MCTES);

**Catarina Ribeiro Correia** - REQUIMTE/FCT, Nova University in Lisbon, *Biochemistry of Art*, supervision, 2009/2010 (BII project funded by FCT-MCTES);

**Diana Conde** – DCR/FCT, Nova University in Lisbon, *Conservation-Restoration of the Painting: Pentecost attributed to Fernão Gomes*, Co-supervision, 2008/2009 (Project of Master in Conservation);

**Filipa Pacheco** – DCR/FCT, Nova University in Lisbon, *Diagnosis and Intervention of Conservation-Restoration of a Painting: Pentecost*, Co-supervision, 2008/2009 (Project of Master in Conservation);

**Diana Conde** – DCR/FCT, Nova University in Lisbon, *Conservation and Restoration of the Painting “Return from hunting” by Philips Wouverman*, Museu Nacional de Arte Antiga, Co-supervision, 2008 (Project of Master in Conservation).