

## Dr. Anna Lobovikov-Katz, Architect, PhD

**Head and initiator of the first EU project under the Technion leadership**, - a project in cultural heritage conservation education<sup>i</sup>, -

Anna Lobovikov-Katz combines arts, science and technology in her research and teaching. Her educational, research, professional and public activities have been linked for more than twenty years to historic **preservation (conservation) of cultural (built) heritage**, through its diverse **multi- and interdisciplinary** aspects, as well as to different areas of **graphic study** and **representation** theory and practice, and



their applications to the conservation of built heritage (e.g. mapping of conservation data, etc), **visual arts** and **design**; **e-learning** in conservation of cultural heritage.

Dr. Lobovikov-Katz is active in other national and international research projects<sup>ii</sup>. She has **organized** and **chaired international symposia on conservation of built heritage**; served as an **evaluator** for **international research programs**, for peer-reviewed **journals**, member of international conservation forums and **scientific committees**; gave invited **talks** and published scholarly **papers**. Dr. Lobovikov-Katz joined and promoted international initiative of heritage conservation experts on inclusion cultural heritage theme in HORIZON 2020.

Her education and present activities link between the visual and the technological<sup>iii</sup>: from studies at the **Academy of Arts** in St. Petersburg, to MSc. and Ph.D. from the Technion – **Israel Institute of Technology** (in **conservation of built heritage, urban conservation**); from research on **deterioration and conservation of stone** to the **development of teaching methodologies in heritage conservation, descriptive geometry** and **arts**, which she applied in her university courses in Israel (Technion), Italy, Malta, etc..

She has shown her paintings at **solo and juried exhibitions in France, Israel, Italy, USA**, and is the recipient of the USA and Israeli awards in fine arts. Artworks of her **students** were shown at more than 15 **exhibitions in Israel**, and in other countries (**Spain, Italy**).

### Recent awards & exhibitions:

#### Research:

2014 - EU project ELAICH (initiated and headed by Dr. Lobovikov-Katz) has been awarded the "**Project of the Year**" - **First Prize in the Research category**, International Competition of Architecture of Israel and the European Union <http://www.aiq.co.il/gallery/1394973676.pdf>

2013 - EU project ELAICH - Inter- and multidisciplinary e-learning platform on cultural heritage conservation (<http://elaich.technion.ac.il/e-learning/>), was nominated for the World Summit Award as **the best e-Content example in e-Learning & Science from Israel**

#### Fine arts:

2015 - Watercolor painting at the **international exhibition** in Florence, Italy, (**EXPO 2015 Toscana**), organized by the Association Toscana Cultura, under the patronage of the Region of Tuscany; published in the catalogue "Artisti dal Mondo" <https://www.youtube.com/watch?v=cIXaO4po708>.

2015 - **Solo Watercolor Exhibition** "Italy and St. Petersburg", organized by the Italian Embassy, Italian Cultural Institute and Academy of Design, Haifa (2015)  
<http://campaign.r20.constantcontact.com/render?ca=c591188e-0829-448f-bd5f-315f8fdd3ad0&c=a4c56f40-94ed-11e4-aacf-d4ae5292b9a6&ch=a4fa61f0-94ed-11e4-aacf-d4ae5292b9a6>

2014 - **Juried Watercolor Exhibition** of Biannual Prize "Marche d'Acqua" Fabriano, Italy

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Address: Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Technion City, Haifa 32000, Israel;  
Tel: +972 52 8588194 (Mobile); Skype: alobovikovkatz; E-mail: [anna@technion.ac.il](mailto:anna@technion.ac.il) / [lokatz@netvision.net.il](mailto:lokatz@netvision.net.il)

**Selected present/recent activities:** management committee member, WG3 Co-Leader - COST i2MHB (Innovation in Intelligent Management of Heritage Buildings); member of scientific committees of international conference <http://www.culturalheritage2014.eu/index.php/committee/> ; reviewer, peer-reviewed journal; session organiser, ("Advanced technologies in conservation of cultural heritage") <http://www.digital-heritage.org.il/> ; juried exhibitions in Italy<sup>iv</sup>.



<sup>i</sup> Educational Linkage Approach In Cultural Heritage (ELAICH) (2009-2012) - ENPI 150583 - Euromed Heritage Programme 4 – the first Technion-led EU Project, the first Israeli-led Project in the framework of Euromed Heritage Programmes. Grant amount: 1,056,498.95 EUR Overall budget: 1,320,623 EUR  
ELAICH – Educational Linkage Approach In Cultural Heritage; Dr. Anna Lobovikov-Katz (Technion), Initiator and Head of the Project <http://elaich.technion.ac.il/e-learning/>  
<http://www.youtube.com/watch?v=GloGPS6uy5k> ; [http://www.youtube.com/watch?v=hKDhcRXx\\_Mo](http://www.youtube.com/watch?v=hKDhcRXx_Mo)

<sup>ii</sup> European Cultural Heritage Identity Card (EUCHIC) - FP7-ENV-2008-1, EU-CHIC – European Cultural Heritage Identity Card; Project Coordinator – University of Ljubljana, Prof. Roko Žarnić  
Dr. Anna Lobovikov-Katz (Technion), Head, Technion Research Team  
<http://www.eu-chic.eu/>

<sup>iii</sup> Visual versus analytical: Graphic disciplines and e-learning educational platform in cultural heritage, Lecture at the Department of Education in Science and technology <http://edu.technion.ac.il/inner3-1.php?id=192>

<sup>iv</sup> Other selected International Juried Exhibitions:

Four paintings of EU architectural heritage were accepted and presented at the International Exhibition - XXII ESPOSIZIONE INTERNAZIONALE DEGLI ARCHITETTI ARTISTI, Venice, Palazzo delle Prigioni, 2013. The exhibition was organized by AAA: [http://www.architettiartisti.com/AAA/About\\_AAA.html](http://www.architettiartisti.com/AAA/About_AAA.html)

Following the international competition, Arch. Dr. Lobovikov-Katz have been invited among 30 artists to participate International Watercolor Exhibition Biannual Prize “Marche d’Acqua” Fabriano 2014, the Paper and Watermark Museum of Fabriano, June-August 2014.

<http://www.museodellacarta.com/docs/fabrianowatercolour2012/partecipanti2014.asp>

Other exhibition venues: Paper Museum in Toscolano Maderno - BS (Garda Lake), September - October 2014; Egypt (Cairo), supported by the Italian Institute of Culture; Edinburgh.

## APPENDIX I: Selected publications

Lobovikov-Katz, A., *The virtual and the real: e-learning in interdisciplinary education – the case of cultural heritage*, The 13th Annual MEITAL National Conference "New Technologies and Their Evaluation in Online Teaching and Learning" Technion - Israel Institute of Technology, Haifa, 2015

Lobovikov-Katz, A., Moropoulou, A., Konstanti, A., Ortiz Calderón, P., Van Grieken, R., Worth, S., Cassar, JA, De Angelis, R., Biscontin, G., Izzo, F., “*Tangible Versus Intangible in e-Learning on Cultural Heritage: from Online Learning to on-Site Study of Historic sites*”: in M. Ioannides et al. (Eds.): Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation and Protection, LNCS 8740, pp 819-828, Springer 2014

Lobovikov-Katz, A. Konstanti, K. Labropoulos, A. Moropoulou, JA Cassar, R. De Angelis, *The EUROMED 4 Project “ELAICH”: e-tools for a teaching environment on EU Mediterranean cultural heritage*, Progress in Cultural Heritage Preservation, Lecture Notes in Computer Science, LNCS 7616, Springer 2012

Lobovikov-Katz, A. “*The ELAICH project, a contribution to the documentation and survey of cultural heritage*” in: Proceedings, International Conference on Cultural Heritage Preservation, Split – Croatia, May 29 – June 1, 2012, published August 2012

Lobovikov-Katz, A., 2008. *Heritage Education for Heritage Conservation (Contribution of Educational Codes to Study of Deterioration of Natural Building Stone in Historic Monuments)*, Strain - An International Journal for Experimental Mechanics, 2008 (Volume 45, Issue 5, pp. 480–484, October 2009)

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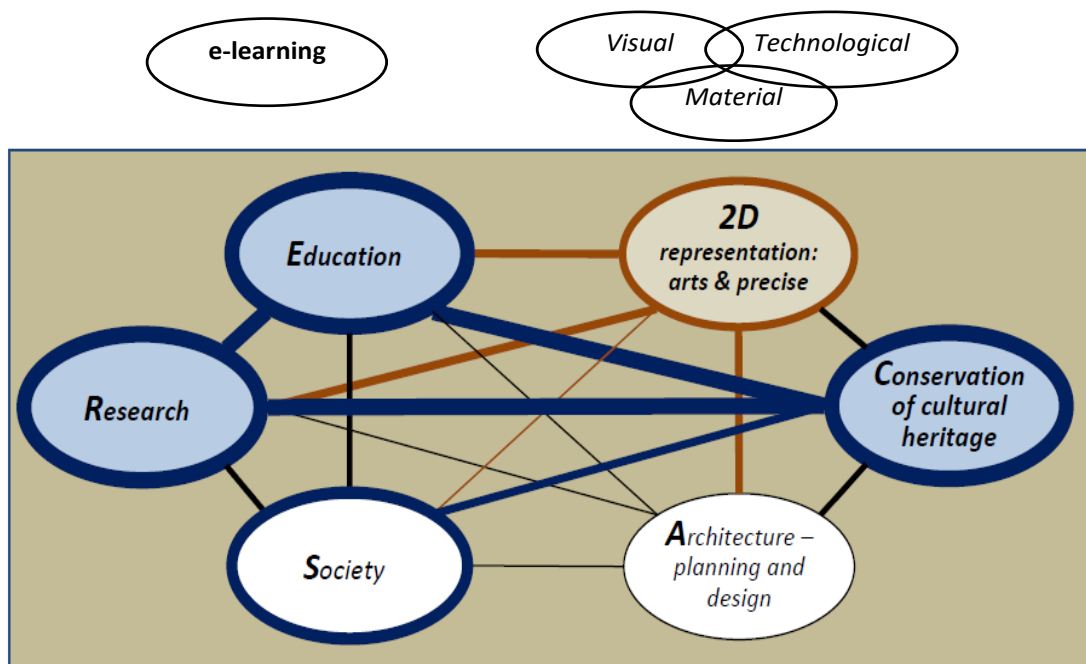
Address: Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Technion City, Haifa 32000, Israel;  
Tel: +972 52 8588194 (Mobile); Skype: alobovikovkatz; E-mail: [anna@technion.ac.il](mailto:anna@technion.ac.il) / [lokatz@netvision.net.il](mailto:lokatz@netvision.net.il)

Lobovikov-Katz A., *The correlation between the technological and conservation aspects and those of urban appearance in a stone-built environment: an evaluation approach*, Chapter 4.2 in book "Fracture and Failure of Natural Building Stones – Applications in the Restoration of the Ancient Monuments", ed. Kourkoulis S., Springer, 2006, pp. 201-215

Lobovikov-Katz A., *Technical Aspects of Stone Conservation in Jerusalem*, Proceedings, Vol. II, 9<sup>th</sup> International Congress on Deterioration and Conservation of Stone, Venice, June 19-24, 2000, pp.897-902, Elsevier

Lobovikov-Katz A., *Freehand sketching in the contemporary conservation of monuments*, Water and Cultural Heritage, eds. F.Zezza, V. Perthuisot, A. Plancon, Proceedings, 7<sup>th</sup> International Symposium on the Conservation of Monuments in the Mediterranean Basin, June 2007 – Orleans, France

**APPENDIX II: Research interests – VISUAL ABSTRACT**



Newsletter, 10/2015, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Sections: "Publications", "Exhibitions" (English, Hebrew)  
<http://techmail.technion.ac.il/dbdc57ca3500f2cbec91c1b883e62cc31a054c46.pdf>

Newsletter, 02/2015, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Sections: "Publications", "Guest Editors", "Exhibitions" (in Hebrew), "Awards" (English, Hebrew)  
[http://architecture.technion.ac.il/files/Newsletters/NewsLetter\\_Feb\\_2015\\_Final.pdf](http://architecture.technion.ac.il/files/Newsletters/NewsLetter_Feb_2015_Final.pdf)

*Watercolors © Anna Lobovikov-Katz*



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