

Elisabetta Rosina resume
July 11th, 2019

Elisabetta Rosina, associate professor at Politecnico di Milano, is competent in design, planning and execution of non-destructive investigations and degradation surveys on buildings, for preservation and maintenance.

Her major competencies are in preservation technologies, specifically for historic buildings, performances and degradation of building materials, diagnostic methodologies and techniques such infrared thermography, gravimetric tests, microclimatic monitoring, psychrometric maps, videoscope, iron/steel structures search inside masonry and instrumental surveys.

She is the scientific responsible for the Experimental mobile laboratory of ABC Dept. Polytechnic of Milan.

She has been consultant and project manager of:

Investigation for the conservation planning and maintenance

- to localize not visible elements in buildings and their restoration/replacement
- to monitor the thermos-hygrometrical status of masonry and buildings elements
- to detect risk factors and localize structures/surfaces under risk
- to monitor microclimate inside historic-artistic buildings

Sustainability strategies for supporting analysis and investigation

Know how transfer to enterprise, professional societies, public administration staffs.

Some study cases in Italy:

Rome: Villa Adriana and Palazzo Montecitorio

Milan: Palazzo della Ragione, Palazzo Sormani, Palazzo Turati, Palazzo Borromeo, Palazzo Litta, Palazzo Borromeo, Palazzo Bagatti Valsecchi, Castello Sforzesco, Campus Leonardo (Politecnico headquarter), Museum of Science and technologies in Tecnologia, Spanish Wall, Brera Gallery, the Duomo cathedral

Milan area: Abbey of Viboldone, Villa Mirabello and Villa Reale in Monza, Villa Litta in Rodano, Villa Arese

Palazzo Borromeo in Ornago, Palazzo Stampa and “Annunciata” Abbey in Abbiategrosso

Como area: Palazzo Scotti in Laino, San Fedele church, San Abbondio Church

Mantua area: S. Andrea in Mantova; Palazzo arcivescovile, Diocesis Museum, Monastery and church of S. Benedetto Polirone

Bergamo area: Malpaga Castle, Disciplins church in Clusone, S. Giorgio church in Lemine, Suardi Chapel, shrine and monastery of Santa Maria del Lavello, Calolziocorte

Urbino: Palazzo Ducale

Florence: Vasari's House, Santa Verdiana chapel (School of Architecture headquarter)

In sardinia: Canopoleo complex in Sassari; archaeological areas in Sorradile, Nora in Pula, S. Cromazio in Villa Speciosa, S. Saturnino in Cagliari, Sant'Antioco necropolis, the tomb of Santa Vendrace in Cagliari, the tomb of Palalarga in Bonorva

And abroad:

USA: John Johnson House, Hiram OH, Westcott House, Springfield OH, Oxford House, Shaker Heights OH, St. Peter Church, Cleveland OH, Church of Transfiguration, Cleveland OH, Masonic Temple, Muncie (IN), Mc Farland House, Bentley Township, OH, Red School House and Brigham Young House, Kirtland (OH)

Spain: Saint Mary of the Pity, Barcelona

Turkey: Fener Balat (Istanbul)

China: Shangai historic center

Archaeological sites: Dydime, Efes, Knodos, Lethoon, Miletos, Myra, Olimpos, Pergamo, Priene, Termessos, Tloss, Xanthos

Elisabetta Rosina holds classes of “Conservation and conservation studio” at the international Master Architectural Engineering and “Restoration”, at the School of Building Architecture and Engineering,

Polytechnic of Milano. She is author of more than 180 scientific papers among Journal articles, conference papers (including keynote and invited papers), books, chapters.

She is member of the PhD college of the University of Austin (TX-USA).

She is member of The International Society for Optical Engineering, USA, the Italian Society of Archaeometry (Aiar), the Italian Association of Non-destructive Testing; UNI committee and many cultural associations for the protection of Cultural Heritage.

She is reviewer and editor of Materials Evaluation, ASNT's journal, USA, and for many scientific journals of Elsevier Science, among them The Journal of Cultural Heritage.

She is a member of the scientific board of the permanent international conferences: Geores, DBMC, Inconarch, IFAU, Modihma. She participates the scientific board of the international journals Iconarp, Journal of Ferdowsi University of Mashhad.

Acknowledgements

High quality production in Polytechnic of Milan, years 1998, 1999

Selected paper, Thermosense XX, Orlando (US) 1998

First prize for technical images, Thermosense XXIV, Orlando (US) 2002

'Andronicos G. Knatsios' Award best paper of session: "Buildings and Infrastructure", Thermosense XXV, Orlando (US) 2003

Second prize for technical images, Thermosense XXV, Orlando (US) 2003

Oliver Torrey Fuller Award for technical innovation, article on APT Bulletin vol. XXXIV, No. 1, 2003, Mount Ida Press, Albany (NY), USA

Competition for students of schools of Architecture (ACSA – AIA), "Castle Pinckney, Preservation as provocation"2013,, She has been the sponsor of the students who won the First and Second prizes