

Stain glass windows: deterioration and preservation

Marco Verità

Born in Udine (Italy) October 5th, 1949; graduated in chemistry in 1973 at the University of Padua (Italy) entered the Stazione Sperimentale del Vetro (a public research centre on glass and related materials, Murano-Venice Italy) in 1977 as a research scientist. Retired since 2009, he started a cooperative work with the LAMA laboratory of analysis of ancient materials of the Luav architecture University in Venice (Italy).

His activity concentrates on analyses of glass and related problems by X-ray instrumentation (SEM+EDS, EPMA, XRF, XRD). The main topics studied are: chemical composition of glasses, glazes, enamels on metals, refractories and related properties; characterisation of glass surfaces and of the deterioration mechanisms; analyses of ancient glass and glassy materials and studies on ancient glassmaking technology. Consultant since 1986 at the Istituto Centrale del Restauro (ISCR, Rome) and of the Opificio Pietre Dure (OPD, Florence) on research programs

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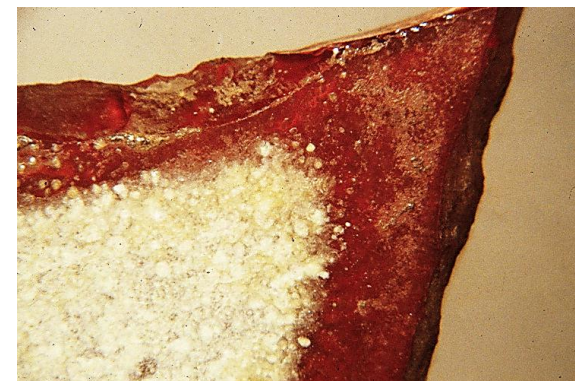
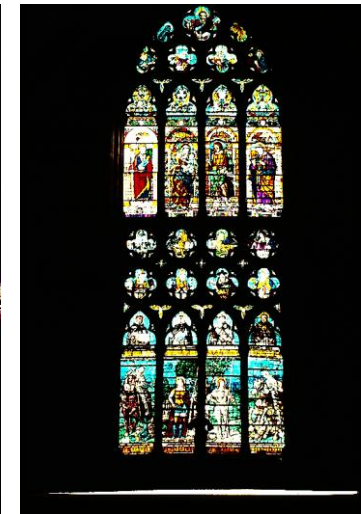
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concerning archaeological glass, stained glass windows and mosaics, studies on the technology, deterioration mechanisms, restoration and conservation. Invited speaker at the international courses for conservators of ICCROM (Rome), ISCR (Rome), OPD (Florence), Scuola del Mosaico (Ravenna). Professor on annual contract at the University of Venice, Viterbo, Milan, Freiburg (Switzerland) and Vienna (Austria) for courses on ancient glass materials. Supervisor of graduation and PHD theses of Italian (University of Padua, Venice, Milan, Pavia, Viterbo) and European Universities (France, Belgium, Austria, Portugal).

Participation in national and European research contracts and committees on glass, referee of international journals. Author of more than 250 papers published on national and international Journals; several contributions to books and catalogues.



Stain glass windows: Basilica St. Giovanni and Paolo, end of 15th century AD, Venice