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electrochemical, ultrasonic, plasma and laser cleaning. In principle, it is aimed at removing dirt and corrosion products from the surface of a metal object. In many cases archaeology objects only can be cleaned mechanically. Conservation and restoration of metals - Wikipedia Currently she is assistant professor in Applied Physical Chemistry with Politecnico di Torino. Her research areas include plasma chemistry and reversible coating deposition, sensors for microclimate and environmental monitoring, corrosion and protection of metallic materials and conservation of the cultural heritage. Special Session 4 | 2019 IMEKO TC-4 International ... Conservation and restoration of iron and steel objects. The act of conservation and restoration strives to prevent and slow the deterioration of the object as well as protecting the object for future use. The prevention and removal of surface dirt and corrosion products are the primary concerns of conservator-restorers when dealing with iron or steel objects, including nickel-iron

meteorites. Conservation and restoration of iron and steel objects ... Conservation of Cultural Heritage Recovered from Terrestrial and Marine Sites. ... A study of the layers of decay recorded on degraded metal objects provides climate and corrosion scientists with a unique insight into the changing conditions on the seabed and with data on seawater temperatures. Dr Ian MacLeod Lecture Tour - Conservation of Cultural ... Relationships between conservation and corrosion scientists are assessed and similarities, differences and synergies identified. Corrosion control as a preservation option for heritage metals is advocated as being cost-effective and pragmatic. Corrosion and conservation of cultural heritage metallic ... Akaganéite. Akaganéite, which grows on the iron at the metal-rust interface, exerts enough pressure on the corrosion layers to break them off, thus causing cracking and spalling. This active corrosion appears as orange crystals in the cracks of a spalling surface. Care and Cleaning of Iron - Canadian Conservation ... ELSEVIER R PROOF Glossary g0005

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