



Developments in Pigments, Dyes and Paintings

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Message from the Guest Editors

Dear Colleagues,

Non-invasive imaging and analytical techniques have been widely applied to the field of Cultural Heritage, most notably in paintings. This approach has built an evergrowing knowledge of the materials used by the artists to create their work, as well as a deeper understanding about the degradation mechanisms involved in the ageing process. However, this analytical perspective is often disconnected from the fundamental role of technique in creating the stylistic and optical effects that are responsible for the originality and style of each artwork and/or artist. This vision will be part of this Special Issue, in which integrated studies that bridge the analytical and technical aspects of an artwork are welcomed.





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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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