**Preventing colour fading in artworks with graphene veils**

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All art materials are prone to degradation. Fading, yellowing and discolouration are the most common degradation effects that result from the exposition to UV and visible light and oxidizing agents. The result of the degradation is the irreversible alteration of the appearance of artworks. CVD graphene can be produced in large sheets, blocks ultra-violet light, and is impermeable to reactive oxygen species and corrosive pollutants. Therefore, it has the potential to be used as a transparent veil for the protection of art objects. In this work it is presented, that a graphene membrane (monolayer of few-layers) can be deposited over paintings via roll-to-roll method to efficiently protect them against colour fading. The protection that graphene membrane offers is calculated via colorimetric measurements after accelerated aging of the paintings and expressed quantitatively through the protection factor. It was found that the protection factor can get as high as 70% for three-layers graphene film. Also, it is demonstrated that the process of depositing CVD graphene on artworks is reversible since the graphene protective layer can be removed without causing any damage to the surface of art pieces. This innovative idea of using graphene as an effective and removable protective advanced material to prevent colour fading in artworks, resulted in publication in Nature Nanotechnology journal.