Conference Program

Thursday 29th

Tools and Documentation

08:45 – 09:15  Registration
09:15 – 09:30  Welcome and Introduction
09:30 – 09:55  Nevin & Tornari: Advances and applications of portable prototype Digital Holographic Speckle Pattern Interferometry (DHSPI) system in preventive conservation
09:55 – 10:20  Charalambides et al.: Modeling the effect of low amplitude cyclic stresses of multilayer paint films on canvas
10:20 – 10:45  Kracht & Sautter: Mechanical performance of textile support under shock load
11:10 – 11:40  Coffee break
11:40 – 12:05  Lukomski: Micro- and nano-engineering techniques deployed to understand the effects of aging on the mechanical properties of paints
12:05 – 12:30  Kupczak et al.: HERIe: A web-based software for assessing risk of physical damage of heritage objects vulnerable to climate fluctuations
12:30 – 12:55  Bäsclhin et al.: Monitoring vibration impact during painting transportation: Controlling and reducing resonance behavior within the Museum context
12:55 – 13:05  Booth: An introduction to Tru Vue and the impact glazing choice can have on the conservation of paintings
13:05 – 14:30  Lunch
14:30 – 14:55  Johnson & Hannen: U.S. practice in vibration control during museum construction projects

Painting Support

15:20 – 15:45  Coffee break
15:45 – 16:10  Ekelund et al.: Climate4Wood project: methodology for the assessment of relevant criteria to predict the behavior of decorated oak wooden panels
16:10 – 16:35  Dionisi-Vici & Romano: An original approach to active climate control based on Equilibrium Moisture Content (EMC) in a middle-age building in southern Italy
16:35 – 17:00  Lopez et al.: Formulation of radio-opaque fill for the plaster losses compensation of a gilded frame from Jean-Baptiste Corot’s painting: evaluation of mechanical and physico-chemical properties

Special Session

17:00-18:00  Doherty (DB): Environmental guidelines
Conference Program

Friday 30th

Paint Layers

09:30 – 09:55  Hagan: A broader look at the mechanical properties of artist paints with different binding media: effects of temperature, strain rate and moisture content

09:55 – 10:20  Aurand et al.: Understanding the moisture induce fatigue damage in panel paintings: a methodological approach for quantifying the role of preparatory layers in the overall response

10:20 – 10:45  Fuster-Lopez & Izzo: A look at pigment's role in the mechanical and dimensional behavior of paint films: the case of siccative pigments

10:45 – 11:10  Roche: Limite d’endurance d’un film de peinture

11:10 – 11:40  Coffee break

Conservation

11:40 – 12:05  Idelson: Aiming at the reduction of mechanical stress in canvas paintings long term conservation

12:05 – 12:30  Viala: Le rentoilage : évolution des pratiques et nouvelles perspectives

12:30 – 12:55  Graminius et al.: Lining canvas paintings for historic houses

12:55 – 14:30  Lunch

14:30 – 14:55  Young et al.: The Applicability of Gecko inspired dry adhesives to the conservation of easel paintings

14:55 – 15:20  Bridaroli et al.: Evaluation of the mechanical performance conferred to canvases by a novel nanocellulose-based consolidation treatment

15:20 – 15:45  Bailey et al.: Stick It!!! A preliminary investigation into AquazolTM as an alternative lining adhesive for paintings

15:45 – 16:15  Coffee break

16:15 – 16:40  Hess: La conservation des coutures originales des toiles peintes. Le cas des volets de l’orgue de la cathédrale Saint Jean-Baptiste de Perpignan

16:40 – 17:05  Krarup-Andersen: Consequences of increased tension in aged canvas paintings

17:05 – 17:30  Legroux: Comportement mécanique des peintures, le cas particulier des peintures japonaises montées en rouleau vertical

17:30 – 18:00  Discussion and concluding remarks