16th Masterclass

10 years Thank you 10 ans Merci 10 anos Obrigada 10 years Thank you 10 ans Merci 10 jaar Bedankt 10 años Gracias 10 anos Obrigada

20|21

conservação
restauro

	Day 1	Day 2	Day 3
9.00 – 9.30	Reception | Welcome		Practical Session Discussion #1
9.30 – 12.30 Coffee break 11.00 – 11.20	**Lecture 1: Modern paints #1** **Modern and contemporary paints – options, use, properties and conservation issues** . Use and history . Chemistry, general properties . Ageing and deterioration . Conservation issues	**Lecture 3: Modern paints #3** **Oil-based modern paints – properties and conservation issues** . Formulation . Chemistry, general properties . Ageing and deterioration . Water-sensitivity and conservation issues	**Lecture 4:** **Advances and options for surface cleaning unvarnished painted surfaces** . Aqueous systems . Solvent systems . Gels (aqueous, organo-); Peggy 5, 6 . Microemulsions and phase diagrams . Evaluating cleaning systems - methods . Star diagrams . Other factors affecting cleaning
12.30 – 14.00	LUNCH	LUNCH	LUNCH
14:00 – 17:00 Coffee Break 15:15-15:35	**Lecture 2: Modern paints #2** Acrylic paint surface cleaning research summary . Swelling . Extracted materials . Physical properties . Optical properties . Case studies. . Surfactant removal.	**Practical Session 1** . Introduction to the sessions and range of test samples . Surface examination of paint films; appearance, gloss etc . Physical tests: swelling, surfactant, surface conductivity, physical properties. . Using cleaning testing results tables; scales. . Cleaning with simple aqueous systems. . Cleaning with simple solvent-based systems.	**Practical session 2** 14:00 – 16.30 . Cleaning tests with microemulsions, gels and other options. . Making microemulsions. . Using solvent barriers . Exploring application methods.
16:30-17.00			Summary of practical sessions and discussion.

CSGI SOLUTIONS for CONSERVATION of CULTURAL HERITAGE

KREMER PIGMENTE

AGARAGAR
PRODUCTOS DE RESTAURACION Y BELLAS ARTES