SCHEDULE – CAPS7 workshop – Ringling Museum, Sarasota, FLA, July 12-15, 2016

Approx. times	TUESDAY (12 July)	WEDNESDAY (13 July)	THURSDAY (14 July)	FRIDAY (15 July)
9.00 – 10.30	**Introduction to CAPS and acrylic paint basics (TL)** • broad aims of the workshop • Modern Paints project • recap / outcomes of previous CAPS's • history and use • basic chemistry and properties • conservation issues • approaches to cleaning	**Wet Cleaning: aqueous systems and non-polar organic solvent systems (CS)** • water and aqueous systems • modifying pH and conductivity • chelating agents and surfactants • MCP • mineral spirit solvents • silicone solvents	**Gelling/emulsifying aqueous systems (in studio) – CS** • agar; gellan, MC, polysaccharides, other emulsifiers • demos and modifications **Practical session #5 (CS + BAO):** • working with gelling/emulsifying aqueous systems	**Practical / Recap session: (BAO/CS/TL)** • further recap, as needed • additional practical testing
Break				
11.00 – 12.30	**Overview of research into cleaning of acrylic paints (BAO)** • optical, chemical and physical properties of acrylic paint films • bulk vs. surface properties • swelling and extracted materials • effects of pH / conductivity on paints • migrated surfactants • ethical considerations • emerging research directions	**Practical session #3 (BAO + CS): Wet cleaning systems** • cleaning with simple aqueous solutions • effects of pH and conductivity • mineral spirit / silicone solvents • controlling swelling, pigment pick-up	**Gelling/emulsifying non-polar systems lecture (in studio) – CS** • Velvesil Plus, KSG gels, others • demos and modifications **Practical session #6 (CS + BAO)** • working with gelling/emulsifying non-polar solvent systems	**Group discussion & wrap up (BAO/CS/TL):** • general observations • general conclusions and insights • perspectives and approaches • future directions and priorities • surveys etc
Lunch 12.30 – 1.30				**KEY:** **BAO= Bronwyn Ormsby** **CS = Chris Stavroudis** **TL = Tom Learner** **Lecture** **Breaks** **Practical session** **Discussion in studio**
1.30 – 3.00	**Practical session #1 (BAO): General introduction to acrylic paint properties** • assessing the properties of acrylic paint films • effects of water + non-polar solvents • swelling trends • calibrating conductivity meters and tests on paint films with water	**Cleaning with microemulsions (BAO)** • chemistry • mineral spirit ME systems • silicone solvent ME systems • phase diagrams • modifying/ mixing • research into effects on paint films • surface changes; residues	**Recap (BAO/CS/TL)** questions and observation **Practical session:** • application methods • working through barriers, tissue, brushes etc, foam swab rolls	
Break				
3.30 – 5.00	**Practical session #2 (CS): Controlling the Aqueous Environment** • calibrating pH meters • readings from paint films with water and agarose pellets • preparing pH-adjusted water	**Practical session #4 (BAO + CS): Using and modifying microemulsions** • cleaning activity • modifying /mixing • working with phase diagrams	**Practical session:** • testing all systems • other issues, as needed	
5.00 – 5.30	**Discussion**	**Discussion**	**Discussion**	
6.00	**Reception**			