

SCHEDULE – CAPS 4 workshop – Lunder Conservation Center, April 30 – May 3, 2013

Approx. times	TUESDAY (30 th April)	WEDNESDAY (1 st May)	THURSDAY (2 nd May)	FRIDAY (3 rd May)
9.00 – 10.30	Introduction to CAPS4 (TL) <ul style="list-style-type: none"> recap of CAPS LA, NYC, London what we aim to achieve Acrylic paint basics (TL) <ul style="list-style-type: none"> history and use basic chemistry behaviour and properties aging 	Recent research into cleaning: Aqueous cleaning of acrylic paints (BAO) <ul style="list-style-type: none"> potential changes to optical, chemical and physical properties of acrylic paint films bulk vs surface properties swelling and extracted materials new surfactants and microemulsions case studies 	Recap from days 1 and 2 (BAO and RW) <ul style="list-style-type: none"> questions and observations Practical application (BAO, CS, RCW) <ul style="list-style-type: none"> testing and comparison of all cleaning systems test paint films any paintings provided 	Practical session: (RCW, BAO, CS, TL) <ul style="list-style-type: none"> further recap, as needed additional testing making up test solutions to take back to studios
Break	10:30 – 11:00	10:30 – 11:00	10:30 – 11:00	10:30 – 11:00
11.00 – 12.30	Acrylic paint basics (cont) (TL, BAO?) <ul style="list-style-type: none"> effects of cleaning treatments practical and ethical issues overview of potential cleaning systems Group discussion (TL) <ul style="list-style-type: none"> participants' experiences current cleaning issues and concerns 	Practical session (BAO) <ul style="list-style-type: none"> measurement of surface pH / conductivity simple cleaning solutions introduction to Dow surfactants and microemulsions 	Practical application (BAO, CS, RCW) <ul style="list-style-type: none"> testing and comparison of all cleaning systems (cont'd) test paint films any paintings provided Recap on new products (RCW, BAO, CS) <ul style="list-style-type: none"> tips, likes/dislikes etc feedback 	Group discussion (TL): <ul style="list-style-type: none"> recap on workshop what works; what doesn't; general observations Wrap up <ul style="list-style-type: none"> general conclusions and insights future directions and priorities
Lunch	12.30 – 1.30	12.30 – 1.30	12.30 – 1.30	
1.30 – 3.00	Chemistry of Liquid Cleaning (CS) <ul style="list-style-type: none"> water and aqueous systems modifying pH and conductivity chelating agents and surfactants gelling agents organic solvents silicone solvents emulsions 	Recent research into cleaning: Control of swelling (RCW) <ul style="list-style-type: none"> effects of pH / conductivity on paints non-polar approaches silicone solvents Pemulen / Velvesil formulating microemulsions 	Modular Cleaning program (CS) <ul style="list-style-type: none"> applying the MCP to acrylics Practical application <ul style="list-style-type: none"> testing and comparison of all cleaning systems (cont'd) 	KEY: BAO= Bronwyn Ormsby CS = Chris Stavroudis RCW = Richard Wolbers TL = Tom Learner
Break	3:00 – 3:30	3:00 – 3:30	3:00 – 3:30	
3.30 – 5.00	Practical session: (CS, BAO) <ul style="list-style-type: none"> appraisal of paint surfaces use of pH / conductivity meters preparing solutions of given pH and conductivity solvent cleaning silicone solvents 	Practical session (RCW) <ul style="list-style-type: none"> effects of pH and conductivity on paint films new microemulsions controlling swelling paints with high sensitivity to water 	Practical application (cont'd) <ul style="list-style-type: none"> testing and comparison of all cleaning systems (cont'd) 	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> Lecture </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></div> Discussion in lecture room </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: #fff2cc; border: 1px solid black; margin-right: 5px;"></div> Practical session </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: #fff2cc; border: 1px solid black; margin-right: 5px;"></div> Discussion in studio </div> </div>
5.00 – 5.30	Discussion	Discussion	Discussion	
EVENING	Welcome Reception	Public Lecture at Lunder		

