<table>
<thead>
<tr>
<th>Approx. times</th>
<th>TUESDAY (3rd July)</th>
<th>WEDNESDAY (4th May)</th>
<th>THURSDAY (5th July)</th>
<th>FRIDAY (6th July)</th>
</tr>
</thead>
</table>
| 9.00 – 10.30  | Introduction to CAPS3 (TL)  
- recap of CAPS LA and NYC  
- what we aim to achieve  
Acrylic paint basics (TL)  
- history and use  
- basic chemistry  
- behaviour  
| Recent research into cleaning:  
Wet cleaning of acrylic paints (BAO)  
- comparing main cleaning systems  
- new surfactants and microemulsions  
- swelling and extracted materials  
- potential changes to optical, chemical and physical properties  
- bulk vs surface properties  
| Recap from days 1 and 2 (BAO and RW)  
- questions and observations  
| Practical session: (RCW, BAO, CS, TL)  
- further recap, as needed  
- additional testing  
- making up test solutions to take back to studios  |
| **Break** | | | | |
| 11.00 – 12.30 | Acrylic paint basics (cont) (TL)  
- aging  
- effects of cleaning treatments  
- practical and ethical issues  
Group discussion (TL)  
- participants’ experiences  
- current cleaning issues and concerns  
| Practical session (BAO)  
- appraisal of paint surfaces  
- measurement of surface pH / conductivity  
- simple cleaning solutions  
- introduction to Dow surfactants and microemulsions  
| Modular Cleaning program (CS)  
- applying the MCP to acrylics  
| Group discussion (TL):  
- recap on workshop  
- what works; what doesn’t;  
- general observations  |
| **Lunch**  
12.30 – 1.30 | Chemistry of Liquid Cleaning (CS)  
- water and aqueous systems.  
- modifying pH and conductivity  
- chelating agents and surfactants  
- gelling agents  
- organic solvents  
- emulsions  
| Recent research into cleaning:  
Control of swelling (RCW)  
- effects of pH / conductivity on paints  
- non-polar approaches  
- silicone solvents  
- Pemulen / Velvigel  
- formulating microemulsions  
| Recap on new products (RCW, BAO, CS)  
- tips, likes/dislikes etc  
- feedback  
| Wrap up  
- general conclusions and insights  
- future directions and priorities  |
| **Break** | | | | |
| 1.30 – 3.00 | Practical session: (CS)  
- use of pH / conductivity meters  
- preparing solutions of given pH and conductivity  
- solvent cleaning  
- silicone solvents  
| Practical session (RCW)  
- effects of pH and conductivity on paint films  
- new microemulsions  
- controlling swelling  
- paints with high sensitivity to water  
| Practical application (cont’d)  
- testing and comparison of all cleaning systems (cont’d)  
| |
| **Break** | | | | |
| 3.30 – 5.00 |  
| Practical session (CS)  
- use of pH / conductivity meters  
- preparing solutions of given pH and conductivity  
- solvent cleaning  
- silicone solvents  
| Practical session (RCW)  
- effects of pH and conductivity on paint films  
- new microemulsions  
- controlling swelling  
- paints with high sensitivity to water  
| Practical application (cont’d)  
- testing and comparison of all cleaning systems (cont’d)  
| |
| 5.00 – 5.30 | Discussion | Discussion | Discussion | |

**KEY:**  
BAO = Bronwyn Ormsby  
CS = Chris Stavroudis  
RCW = Richard Wolbers  
TL = Tom Learner

The Getty Conservation Institute