

**FRONTIERS IN LIQUID CRYSTALS AND  
MOLECULAR SELF-ASSEMBLY  
JUNE 10–12, 2004**

**FLC WORKSHOP EVENTS SCHEDULE OVERVIEW**

**THURSDAY, JUNE 10**

6:00 PM            WELCOME RECEPTION            CIRES ATRIUM

**FRIDAY, JUNE 11**

8:30 AM            BREAKFAST            BENSON EARTH SCIENCES  
COURTYARD

9:00 AM            SESSION 1 (TALKS 1 AND 2)            BENSON EARTH SCIENCES  
ROOM 180

10:45 AM            COFFEE BREAK            BENSON EARTH SCIENCES  
COURTYARD

11:00 AM            SESSION 1 (TALK 3)            BENSON EARTH SCIENCES  
ROOM 180

12:00 PM            LUNCH AND POSTER SESSION            DUANE PHYSICS, GAMOW TOWER  
1 1<sup>TH</sup> FLOOR COMMONS ROOM

1:30 PM            SESSION 2 (TALKS 1 AND 2)            BENSON EARTH SCIENCES  
ROOM 180

3:15 PM            COFFEE BREAK            BENSON EARTH SCIENCES  
COURTYARD

3:30 PM            SESSION 2 (TALKS 3 AND 4):            BENSON EARTH SCIENCES  
ROOM 180

*DINNER ON YOUR OWN*

**SATURDAY, JUNE 12**

8:30 AM            BREAKFAST            BENSON EARTH SCIENCES  
COURTYARD

9:00 AM            SESSION 3 (TALKS 1 AND 2)            BENSON EARTH SCIENCES  
ROOM 180

10:45 AM            COFFEE BREAK            BENSON EARTH SCIENCES  
COURTYARD

11:00 AM            SESSION 3 (TALK 3)            BENSON EARTH SCIENCES  
ROOM 180

12:00 PM            LUNCH AND POSTER SESSION            DUANE PHYSICS, GAMOW TOWER  
1 1<sup>TH</sup> FLOOR COMMONS ROOM

2:00 PM            FREE TIME FOR DISCUSSIONS

5:00 PM            WORKSHOP DINNER            RED LION INN  
BOULDER CANYON DRIVE

FERROELECTRIC LIQUID CRYSTAL MATERIALS RESEARCH CENTER  
UNIVERSITY OF COLORADO AT BOULDER

FRONTIERS IN LIQUID CRYSTALS AND  
MOLECULAR SELF-ASSEMBLY  
JUNE 10–12, 2004

WORKSHOP PROGRAMME

THURSDAY JUNE 10, 2004

6:00 PM WELCOME RECEPTION

FRIDAY JUNE 11, 2004

8:30 AM BREAKFAST

**SESSION 1: "NEW LIQUID CRYSTAL MOLECULAR ARCHITECTURES"**

9:00 AM PROF. STEVE REGEN, LEHIGH UNIVERSITY  
*"GLUED LANGMUIR-BLODGETT BILAYERS"*

9:55 AM PROF. RUDOLF ZENTEL, UNIVERSITY OF MAINZ  
*"LC-POLYMERS AND SPATIAL CONFINEMENT"*

10:45 AM COFFEE BREAK

11:00 AM PROF. DOUG GIN, UNIVERSITY OF COLORADO, BOULDER (FLC MRC)  
*"DESIGN OF NOVEL FUNCTIONAL LYOTROPIC LIQUID CRYSTALS AND METALLOMESOGENS"*

12:00 PM LUNCH AND POSTER SESSION

**SESSION 2: "MACROMOLECULAR SELF-ASSEMBLY"**

1:30 PM PROF. TIM LODGE, UNIVERSITY OF MINNESOTA  
*"CONTROLLING INTRA- AND INTER-MICELLAR STRUCTURE IN BLOCK COPOLYMER SOLUTIONS"*

2:25 PM PROF. RICK REGISTER, PRINCETON UNIVERSITY  
*"BLOCK COPOLYMER THIN FILMS: PATTERNS AND PATTERNING"*

3:15 PM COFFEE BREAK

3:30 PM PROF. STEFAN HECHT, FREE UNIVERSITY BERLIN  
*"HELICAL SCAFFOLDS: INTRAMOLECULAR CROSSLINKING AND SELF-ASSEMBLY"*

4:25 PM PROF. CHRIS BOWMAN, UNIVERSITY OF COLORADO, BOULDER (FLC MRC)  
*"PATTERNED POLYMERS AND POLYMERIZATIONS AT SURFACES"*

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JUNE 10–12, 2004

SATURDAY JUNE 12, 2004

8:30 AM BREAKFAST

**SESSION 3: "NEW APPLICATIONS OF SELF-ASSEMBLY"**

9:00 AM PROF. JOE ZASADZINSKI, UNIVERSITY OF CALIFORNIA, SANTA BARBARA  
*"VESOSOMES FOR DRUG DELIVERY – OR - ONCE YOU GO EUKARYOTE,  
YOU'LL NEVER GO BACK"*

9:55 AM DR. JOEL SCHNUR, NAVAL RESEARCH LABORATORY  
*"MOLECULAR SELF-ASSEMBLY OF LIPID TUBULES AND APPLICATIONS"*

10:45 AM COFFEE BREAK

11:00 AM PROF. DAN SCHWARTZ, UNIVERSITY OF COLORADO, BOULDER (FLC MRC)  
*"LYOTROPIC SURFACE PHASES FOR NANOPATTERNING APPLICATIONS"*

12:00 PM LUNCH AND POSTER SESSIONS

2:00 PM FREE TIME/DISCUSSIONS

5:00 PM WORKSHOP DINNER