

2006 Boulder Summer School
 Physics of Soft Matter: Complex Fluids and Biological Materials
 June 26 - July 21, 2006
 Schedule

Week 1: June 26 - June 30 (JILA Auditorium)

Monday, June 26	
9:00 - 9:30 AM	Welcome
9:30 - 10:45	Interactions I (Pincus)
10:45 - 11:00	Break
11:00 - 12:15	Random Walks and Diffusion I (Rudnick)
3:15 - 4:30 PM	Statistical Mechanics and Jamming I (Chakraborty)
Tuesday, June 27	
9:00 - 10:15 AM	Interactions II (Pincus)
10:15 - 10:45	Break
10:45 - 12:00	Random Walks and Diffusion II (Rudnick)
2:00 - 3:15 PM	Statistical Mechanics and Jamming II (Chakraborty)
Wednesday, June 28	
9:00 - 10:15 AM	Interactions III (Pincus)
10:15 - 10:45	Break
10:45 - 12:00	Random Walks and Diffusion III (Rudnick)
2:00 - 3:15 PM	Statistical Mechanics and Jamming III (Chakraborty)
3:30 - 4:30P	Discussion Session I (Phase Diagrams for Model Systems)
Thursday, June 29	
9:00 - 10:15 AM	Interactions IV (Pincus)
10:15 - 10:45	Break
10:45 - 12:00	Rheology and Emulsions I (Mason)
2:00 - 3:15 PM	Atomic and Molecular Simulation I (Frenkel)
Friday, June 30	
9:00 - 10:15 AM	Statistical Mechanics and Jamming IV (Chakraborty)
10:15 - 10:45	Break
10:45 - 12:00	Rheology and Emulsions II (Mason)
4:00 - 5:00	Discussion Session II (Jamming Phase Diagram)
5:00 - 7:00	Kittredge Pond Barbeque

Week 2: July 3 - July 7 (Duane G125)

Monday, July 3	
9:00 - 10:15 AM	Rheology and Emulsions III (Mason)
10:15 - 10:45	Break
10:45 - 12:00	Fluid Mechanics I (Gollub)
1:45 - 3:00 PM	Elastomers and Gels I (Mahadevan)
3:00 - 3:30	Break
3:30 - 4:45	Elastomers and Gels II (Mahadevan)
7:00 - 9:00	Poster Session I
Tuesday, July 4	
	Independence Day
Wednesday, July 5	
9:00 - 10:15 AM	Elastomers and Gels III (Mahadevan)
10:15 - 10:45	Break
10:45 - 12:00	Fluid Mechanics II (Gollub)
3:15 - 4:40 PM	Glasses and Gels I (Weitz)
7:00 - 8:00	Public Lecture (Zhang)
Thursday, July 6	
9:00 - 10:15 AM	Fluid Mechanics III (Gollub)
10:15 - 10:45	Break
10:45 - 12:00	Glasses and Gels II (Weitz)
1:30 - 3:15 PM	Discussion Session III (Shear Banding)
3:15 - 4:30	Atomic and Molecular Simulation II (Frenkel)
Friday, July 7	
9:00 - 10:15 AM	Fluid Mechanics IV (Gollub)
10:15 - 10:45	Break
10:45 - 12:00	Atomic and Molecular Simulation III (Frenkel)
3:15 - 4:30 PM	Glasses and Gels III (Weitz)
5:00 - 7:00	Kittredge Pond Barbeque

Week 3: July 10 - July 14 (Duane G125)

Monday, July 10	
9:00 - 10:15 AM	Microscopy I (Weeks)
10:15 - 10:45	Break
10:45 - 12:00	Colloids I (Chaikin)
3:30 - 4:45 PM	Liquid Crystals I (Fraden)
7:00 - 8:00	Poster Session II
Tuesday, July 11	
9:00 - 10:15 AM	Microscopy II (Weeks)
10:15 - 10:45	Break
10:45 - 12:00	Colloids II (Chaikin)
1:45 - 3:00 PM	Liquid Crystals II (Fraden)
5:00 -	Barbeque at Flagstaff Mountain
Wednesday, July 12	
9:00 - 10:15 AM	Colloids III (Chaikin)
10:15 - 10:45	Break
10:45 - 12:00	Liquid Crystals III (Fraden)
3:30 - 4:45 PM	Multi-Scale Modeling I (Robbins)
7:00 - 8:00	Public Lecture (Lewis)
Thursday, July 13	
9:00 - 10:15 AM	Multi-Scale Modeling II (Robbins)
10:15 - 10:45	Break
10:45 - 12:00	Multi-Scale Modeling III (Robbins)
3:30 - 4:45 PM	Microscopy III (Weeks)
7:00 - 8:00	Poster Session II
Friday, July 14	
9:00 - 10:15 AM	Scattering I (Mochrie)
10:15 - 10:45	Break
10:45 - 12:00	Scattering II (Mochrie)
5:00 - 7:00	Kittredge Pond Barbeque

Week 4: July 17 - July 21 (Duane G125)

Monday, July 17	
9:00 - 10:15 AM	Membranes I (Safran)
10:15 - 10:45	Break
10:45 - 12:00	Membranes II (Safran)
1:45 - 3:00 PM	DNA Mechanics I (Widom)
Tuesday, July 18	
9:00 - 10:15 AM	Membranes III (Safran)
10:15 - 10:45	Break
10:45 - 12:00	Scattering III (Mochrie)
1:45 - 3:00 PM	Membranes IV (Safran)
3:00 - 3:30	Break
3:30 - 4:45	Actin Networks I (Liu)
Wednesday, July 19	
9:00 - 10:15 AM	Actin Networks II (Liu)
10:15 - 10:45	Break
10:45 - 12:00	DNA Mechanics II (Widom)
2:00 - 3:00 PM	Research Seminar (Perkins)
3:00 - 4:00 PM	Research Seminar (Clark)
4:00 - 5:30 PM	Discussion Session (Membranes)
Thursday, July 20	
9:00 - 10:15 AM	DNA Mechanics III (Widom)
10:15 - 10:45	Break
10:45 - 12:00	DNA Mechanics IV (Widom)
3:30 - 4:45 PM	Viruses I (Gelbart)
7:00 - 8:00	Libchaber Colloquium: "Artificial and minimal cells, progress and problems"
Friday, July 21	
9:00 - 10:15 AM	Viruses II (Gelbart)
10:15 - 10:45	Break
10:45 - 12:00	Viruses III (Gelbart)
1:45 - 3:00 PM	Libchaber Research Seminar
5:00 - 7:00	Kittredge Pond Barbeque