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**Week 1, July 3 – 7**

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**Sunday, July 2<sup>nd</sup>**

6:30pm – 8:30      **Registration mixer with refreshments**  
WeatherTech Café in the C4C  
***Beer and Wine Will Be Served***

**Monday, July 3<sup>rd</sup>**

8:30 – 9:00      **Leo Radzihovsky**  
***Welcome and School Introduction***

9:00 – 10:30      **G. Tarjus**  
***An Overview of the Glass Transition I***

10:30 – 11:00      Coffee Break

11:00 – 12:30      **C. Moore**  
***Introduction to Computational Complexity; Belief Propagation and Its Applications I***

12:30 – 13:45      Lunch

14:00 – 15:30      **G. Biroli**  
***Mean-field Theory of Glasses I***

15:30 – 16:30      Participant Introductions

**Tuesday, July 4<sup>th</sup>**

10:00 – 11:00      **Festive Brunch**

11:00 – 12:30      **C. Moore**  
***Introduction to Computational Complexity; Belief Propagation and Its Applications II***

12:30 – 14:00      **G. Biroli**  
***Mean-field Theory of Glasses II***

Evening              Independence Day Celebration

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**Wednesday, July 5<sup>th</sup>**

9:00 – 10:30	<b>G. Tarjus</b> <b><i>An Overview of the Glass Transition II</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>C. Moore</b> <b><i>Intro to Computational Complexity; Belief Propagation and Its Applications III</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>G. Biroli</b> <b><i>Mean-field Theory of Glasses III</i></b>
15:30 – 15:45	Coffee Break
15:45 – 17:15	<b>G. Tarjus</b> <b><i>An Overview of the Glass Transition III</i></b>

**Thursday, July 6<sup>th</sup>**

9:00 – 10:30	<b>H. Cohn</b> <b><i>The Mathematical Packing Problem I</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>C. Moore</b> <b><i>Intro to Computational Complexity; Belief Propagation and Its Applications IV</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>G. Biroli</b> <b><i>Mean-field Theory of Glasses IV</i></b>
18:30 – 18:55	Poster Talks I <b><i>Duane G130</i></b>
19:00 – 22:00	Poster Session I <b><i>11<sup>th</sup> Floor Commons Room</i></b>

**Friday, July 7<sup>th</sup>**

9:00 – 10:30	<b>H. Cohn</b> <b><i>The Mathematical Packing Problem II</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>L. Berthier</b> <b><i>Numerical Simulations I</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>G. Semerjian</b> <b><i>Cavity Method and Diluted Models I</i></b>
19:00 – 21:30	Catered dinner <b><i>11<sup>th</sup> Floor Commons Room</i></b>

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**Week 2, July 10 – 14**

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**Monday, July 10<sup>th</sup>**

9:00 – 10:30	<b>G. Semerjian</b> <b><i>Cavity Method and Diluted Models II</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>L. Berthier</b> <b><i>Numerical Simulations II</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>F. Krzakala</b> <b><i>Compressed Sensing, Neural Networks, Machine Learning I</i></b>
19:00 – 20:00	<b>Public Lecture: Lisa Manning</b> <b><i>A body made of flexible glass</i></b> , Duane Physics G1B30

**Tuesday, July 11<sup>th</sup>**

9:00 – 10:30	<b>F. Krzakala</b> <b><i>Compressed Sensing, Neural Networks, Machine Learning II</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>L. Berthier</b> <b><i>Numerical Simulations III</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>L. Manning</b> <b><i>Glassy Tissue Biology</i></b>
18:00 – 20:00	<b>Dessert on Flagstaff Mountain</b> <b><i>Busses leave south of C4C at 6pm</i></b>

**Wednesday, July 12<sup>th</sup>**

9:00 – 10:30	<b>G. Semerjian</b> <b><i>Cavity Method and Diluted Models III</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>M. Ediger</b> <b><i>Atomic and Molecular Glasses I</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>L. Cugliandolo</b>

***Dynamics of Disordered Systems I***

**Thursday, July 13<sup>th</sup>**

9:00 – 10:30	<b>F. Krzakala</b> <b><i>Compressed Sensing, Neural Networks, Machine Learning III</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>M. Ediger</b> <b><i>Atomic and Molecular Glasses II</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>L. Cugliandolo</b> <b><i>Dynamics of Disordered Systems II</i></b>
18:30 – 18:55	Poster Talks II <b><i>Duane G130</i></b>
19:00 – 22:00	Poster Session II <b><i>11<sup>th</sup> Floor Commons Room</i></b>

**Friday, July 14<sup>th</sup>**

9:00 – 10:30	<b>F. Krzakala</b> <b><i>Compressed Sensing, Neural Networks, Machine Learning IV</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>M. Ediger</b> <b><i>Atomic and Molecular Glasses III</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>L. Cugliandolo</b> <b><i>Dynamics of Disordered Systems III</i></b>

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**Week 3, July 17 – 21**

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**Monday, July 17<sup>th</sup>**

9:00 – 10:30	L. Cugliandolo <b><i>Dynamics of Disordered Systems IV</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	D. Reichman <b><i>Mode-Coupling Theory of Glasses I</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	F. Zamponi <b><i>Tutorial: Relating Spins and Particles I</i></b>

**Tuesday, July 18<sup>th</sup>**

9:00 – 10:30	D. Reichman <b><i>Mode-Coupling Theory of Glasses II</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	F. Zamponi <b><i>Tutorial: Relating Spins and Particles II</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	F. Ricci-Tersenghi <b><i>Advanced Cavity Applications I</i></b>

**Wednesday, July 19<sup>th</sup>**

9:00 – 10:30	D. Reichman <b><i>Mode-Coupling Theory of Glasses III</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	S. Nagel <b><i>Experiments in Marginality I</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	F. Ricci-Tersenghi <b><i>Advanced Cavity Applications II</i></b>

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**Thursday, July 20<sup>th</sup>**

9:00 – 10:30	<b>F. Zamponi</b> <b><i>Tutorial: Relating Spins and Particles III</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>S. Nagel</b> <b><i>Experiments in Marginality II</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>F. Ricci-Tersenghi</b> <b><i>Advanced Cavity Applications III</i></b>
18:30 – 18:55	Poster Talks III <b><i>Duane G130</i></b>
19:00 – 22:00	Poster Session III <b><i>11<sup>th</sup> Floor Commons Room</i></b>

**Friday, July 21<sup>st</sup>**

9:00 – 10:30	<b>K. Daniels</b> <b><i>Experimental Jamming I</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>S. Nagel</b> <b><i>Experiments in Marginality III</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>F. Ricci-Tersenghi</b> <b><i>Advanced Cavity Applications IV</i></b>
19:00 – 21:30	Catered dinner <b><i>11<sup>th</sup> Floor Commons Room</i></b>

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**Week 4, July 24 - July 28**

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**Monday, July 24<sup>th</sup>**

9:00 – 10:30	<b>K. Daniels</b> <b><i>Experimental Jamming II</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>D. Weitz</b> <b><i>Experimental Colloids I</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>B. Chakraborty</b> <b><i>Low-Dimensional Jamming I</i></b>
19:00 – 21:30	<b>K. Daniels</b> <b><i>APS Communication and Negotiation Skills Seminar for Women (Optional)</i></b>

**Tuesday, July 25<sup>th</sup>**

9:00 – 10:30	<b>D. Weitz</b> <b><i>Experimental Colloids I</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>S. Sanguli</b> <b><i>Neuroscience I</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>B. Chakraborty</b> <b><i>Low-Dimensional Jamming I</i></b>

**Wednesday, July 26<sup>th</sup>**

9:00 – 10:30	<b>G. Ben Arous</b> <b><i>Random Matrices, Extreme Events I</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>S. Sanguli</b> <b><i>Neuroscience II</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>P. Le Doussal</b> <b><i>Advanced Disordered Topics I</i></b>

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**Thursday, July 27<sup>th</sup>**

9:00 – 10:30	<b>G. Ben Arous</b> <b><i>Random Matrices, Extreme Events II</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>S. Sanguli</b> <b><i>Neuroscience III</i></b>
12:30 – 13:45	Lunch
14:00 – 15:30	<b>P. Le Doussal</b> <b><i>Advanced Disordered Topics II</i></b>

**Friday, July 28<sup>th</sup>**

9:00 – 10:30	<b>G. Ben Arous</b> <b><i>Random Matrices, Extreme Events III</i></b>
10:30 – 11:00	Coffee Break
11:00 – 12:30	<b>Summary of the School</b>
12:30 – 13:45	Lunch