

**Computational Science Workshop for Louisiana Educators  
338 Johnston Hall, LSU**

**Schedule**

**Monday, July 19**

7:30 AM: Continental Breakfast  
8:00 AM: Opening Remarks  
8:30 AM: Hands-on session 1  
10:00 AM: Break  
10:30 AM: Hands-on session 2  
Noon: Lunch served (*hot buffet*)  
1:00 PM: Hands-on session 3  
2:30 PM: Break  
3:00 PM: Talk 4  
4:30 PM: Wrap up  
5:00 PM: Adjourn

**Tuesday, July 20**

7:30 AM: Continental Breakfast  
8:00 AM: Review of Monday/Q&A  
8:30 AM: Dynamic Interactive uses of Excel  
10:00 AM: Break  
10:30 AM: Continued uses of Excel with examples  
Noon: Lunch served (*hot buffet*)  
1:00 PM: Verisim and Excel lab examples from morning lectures  
2:30 PM: Break  
3:00 PM: Concept mapping to model  
4:30 PM: Wrap up  
5:00 PM: Adjourn

**Wednesday, July 19**

7:30 AM: Continental Breakfast  
8:00 AM: Review of Tuesday/Q&A  
8:30 AM: Modeling: agent based behaviour  
10:00 AM: Break  
10:30 AM: AgentSheets software examples  
Noon: Lunch served (*hot buffet*)  
1:00 PM: NetLogo and agent modeling  
2:30 PM: Break  
3:00 PM: Lab running examples  
4:30 PM: Wrap up  
5:00 PM: Adjourn

**Thursday, July 19**

7:30 AM: Continental Breakfast

8:00 AM: Review of Wednesday/Q&A  
8:30 AM: Python (Steve Brandt, CCT)  
10:00 AM: Break  
10:30 AM: Python and PyMPI (Steve Brandt, CCT)  
Noon: Lunch served (*hot buffet*)  
1:00 PM: Scott Duke-Sylvester, Univ. Louisiana Lafayette  
2:30 PM: Break  
3:00 PM: Lab to work on developing examples for your curriculum using the concepts and applications learned Monday - Wednesday  
4:30 PM: Wrap up  
5:00 PM: Adjourn

**Friday, July 19**

7:30 AM: Continental Breakfast  
8:00 AM: Lab to work on developing examples for your curriculum  
10:00 AM: Break  
10:30 AM: Teacher presentations (5 minutes each)  
12:30 PM Q/A  
1:00 PM Lunch served (*hot buffet*)  
1:45 PM: Wrap up and hand out certificates  
2:15 PM: Machine room tour (HPC machines, LONI networking, general large computer setup)  
4:00 PM: Adjourn