National Nuclear Physics
Summer School - 2019

Nadia Fomin
University of TN, Knoxville
## Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday, 7/8</th>
<th>Tuesday, 7/9</th>
<th>Wednesday, 7/10</th>
<th>Thursday, 7/11</th>
<th>Friday, 7/12</th>
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</thead>
<tbody>
<tr>
<td>9:10-10:30</td>
<td>Intro - Nadia</td>
<td>ENT - Lecture 3</td>
<td>Pratt Lecture 2</td>
<td>Dolenksi - Lecture 2</td>
<td>Launey - Lecture 1</td>
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<tr>
<td>10:30-11:00</td>
<td>COFFEE</td>
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<tr>
<td>11:12-12:30</td>
<td>ENT - Lecture 1</td>
<td>Blackmon - Lecture 2</td>
<td>Pratt Lecture 3</td>
<td>Sickle - Lecture 2</td>
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<tr>
<td>12:30-1:00</td>
<td>LUNCH</td>
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<tr>
<td>2:00-3:30</td>
<td>ENT - Lecture 2</td>
<td>Blackmon - Lecture 3</td>
<td>Sickle - Lecture 1</td>
<td>RAFTING</td>
<td>Launey - Lecture 2</td>
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<tr>
<td>3:30-4:00</td>
<td>COFFEE</td>
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<tr>
<td>4:00-5:30</td>
<td>Blackmon - Lecture 1</td>
<td>Pratt Lecture 1</td>
<td>Dolenksi - Lecture 1</td>
<td>Sickle - Lecture 3</td>
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<td></td>
<td>Poster Session 1</td>
<td>Poster Session 2</td>
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<thead>
<tr>
<th>Time</th>
<th>Monday, 7/15</th>
<th>Tuesday, 7/16</th>
<th>Wednesday, 7/17</th>
<th>Thursday, 7/18</th>
<th>Friday, 7/19</th>
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<tbody>
<tr>
<td>9:10-10:30</td>
<td>Deshpande - Lecture 1</td>
<td>Ben Kay - Lecture 2</td>
<td>GG - Lecture 1 (ORNL)</td>
<td>GG - Lecture 3 (UT)</td>
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<td>10:30-11:00</td>
<td>COFFEE</td>
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<tr>
<td>11:12-12:30</td>
<td>Deshpande - Lecture 2</td>
<td>Ben Kay - Lecture 3</td>
<td>Graphite Reactor</td>
<td>Student Presentations</td>
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<tr>
<td>12:30-1:00</td>
<td>LUNCH</td>
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<tr>
<td>2:00-3:30</td>
<td>Ben Kay - Lecture 1</td>
<td>Mammel - Lecture 2</td>
<td>GG - Lecture 2 (ORNL)</td>
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<tr>
<td>3:30-4:00</td>
<td>COFFEE</td>
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<tr>
<td>4:00-5:30</td>
<td>Mammel - Lecture 1</td>
<td>Mammel - Lecture 3</td>
<td>SNS Tour</td>
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<td>Chernobyl Public Lecture</td>
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- Medium Energy Physics at JLab
- Low Energy Physics and Nuclear Astrophysics
- Fundamental Symmetries
- Nuclear Physics with Neutrinos
- Fundamental Neutron Physics
- Heavy Ion Physics
- Electron Ion Collider
Important Locations on campus

- ORANGE HALL
- Stokely
- Presidential Court
- Mossman (Lecture)
Dining Info

Students will be lodged in Orange Hall.

Meals will be as follows: (Vol Dining Website)
Sunday (July 7): Dining card for local restaurant (Cafeterias closed)
July 8-14: Presidential Court Cafeteria
July 15-19: Stokely Cafeteria

Cafeteria Hours:
Breakfast Served 6:30-9:00 AM
Lunch Served 11:30-2:00 PM
Dinner Served 5:00-7:00 PM

For Speakers: Lodging at Four Points by Sheraton. Travel for speakers is covered.
Ride the T (note summer schedule)

https://ridethet.utk.edu/summer-transit-service/
Free Trolley - https://www.katbus.com/184/Orange-Line-Trolley
Welcome to KnoxVegas

https://insideofknoxville.com/ (event information for downtown)

https://www.visitknoxville.com/ (event information including music)

https://www.visitknoxville.com/restaurants/breweries/ (if you’re into beer)

https://fanbovexpo.com/ (a micro comicon-type thing).

https://www.nourishknoxville.org/market-square-farmers-market/ (farmer’s market)

http://www.easttnhistory.org/ (Eastern TN history museum $5 admission, free on Sundays)

https://www.knoxart.org/ (free!)

https://www.visitknoxville.com/event/where%E2%80%99s-waldo-scavenger-hunt/6212/ (where’s waldo scavenger hunt)
World’s Fair 1982

Bart on the Road

The Simpsons episode (season 7, episode 20)

Show: The Simpsons
Season number: 7
Episode number: 20
Air date: March 31, 1996
Previous episode: A Fish Called Selma
Next episode: 22 Short Films About Springfield
Available on

Bart and his friends take a spring break road trip in a rental car, while Lisa stays home and bonds with Homer.
Questions?

Nadia Fomin (UTK) - fundamental neutron physics and medium energy physics (nfomin@utk.edu)

Miguel Madurga Flores (UTK) - low energy nuclear physics (mmadurga@utk.edu)

Christine Nattrass (UTK) - heavy ion physics (cnattras@utk.edu)

Charlie Rasco (ORNL) - low energy nuclear physics (brasco@utk.edu)