**FFAG School**
**September 6th – 7th, 2017**

**Wednesday, September 6th, 2017**

9:00 – 9:45  Introduction to and history of FFAGs  
*F. Meot*

9:45 – 10:15  Scaling FFAG optics  
*F. Meot*

10:15 – 10:45  Introduction to Bmad/TAO  
*D. Sagan, C. Mayes*

10:45 – 11:00  **Coffee Break**

11:00 – 12:00  Bmad/Tao concepts  
*D. Sagan, C. Mayes*

12:00 – 1:00  **Lunch Break (on your own)**

1:00 – 3:00  Bmad optics matching examples  
*D. Sagan, C. Mayes*

3:00 – 3:30  **Coffee Break**

3:30 – 4:15  Introduction to and history of ERLs  
*C. Tennant*

4:15 – 5:00  ERL optics example  
*C. Mayes*

5:00 – 5:30  Longitudinal dynamics in ERLs  
*C. Tennant*

**Thursday, September 7th, 2017**

9:00 - 10:00  ERL homework recap

10:00 - 10:45  BBU  
*J. Crittenden, W. Lou*

10:45 - 11:00  **Coffee Break**

11:00 - 12:00  Linear non-scaling FFAGs  
*S. Berg*

12:00 – 1:00  **Lunch Break (on your own)**

1:00 – 2:00  Modeling FFAGs with Bmad  
*D. Sagan, C. Mayes, S. Berg*

2:00 – 3:00  CBETA FFAG exercise  
*D. Sagan, C. Mayes, S. Berg*

3:00 - 3:30  **Coffee Break**

3:30 - 5:00  Software tools for FFAGs: ZGOUBI  
*F. Meot*

5:30  Registration