

Schedule for **Dr. Ben Nachman** (LBNL)

Wed Jan 16 - Friday Jan 18, 2019

Host: **Flip Tanedo** (Physics Building 3054)

Contact me in case of any problems: 310 903 2849

Wednesday, January 16

Morning Meetings: Physics Building

10:00 — 11:00am **Flip Tanedo**, Physics 3054
Host



11:10 — noon Physics Talk, Physics Reading Room

12:15 — 2pm Lunch at *Arroyo Vista* (Alumni Center) with
Flip, Owen Long, John Barton, Lexi Costantino

Afternoon Meetings: Physics Building

2:30 — 3:00pm **Owen Long**, Physics 3015
CMS: large MET and b-tags, Higgs tagging



3:00 — 3:30pm **Stephen Wimpenny**, Physics 3019
CMS: top tagging *canceled due to illness*



4:00 — 5:30pm **Meeting with Astro Students**
Physics Conference Room, pizza

6:30pm Dinner at *Monark Asian Bistro* with
Flip, Simeon Bird (astro/ML)



Thursday, January 17

Morning Meetings: Physics Department

10:00 — 11:30am “Hello World” of Neural Networks with Flip Tanedo
11:45ish Lunch with HEP students, organized by Lexi Costantino



After-Lunch Meetings: Physics and MS&E

2:00 — 2:40pm **Laura Sales**, Physics 3034
Astro, numerical simulations, galaxy formation, early universe
(You met some of her students yesterday over pizza)

3:00 — 3:40pm **John Barton**, Materials Science & Engineering 234
Theoretical and computational biophysics
(John joined for lunch yesterday)

3:50 — 4:30pm **Simeon Bird**, Physics 3032
Cosmology, IGM, dark matter, machine learning
(Simeon joined for dinner yesterday)

4:45 — 5:25pm* **Yanou Cui**, Physics 3036
Particle theory, cosmology, astrophysics, collider physics
(You briefly chatted Yanou about jet tagging after your talk)



Dinner

To be determined. Some possibilities:

- * a snack and then ramen (veggie friendly) at 10pm at Salted Pig
- * one of the UCR dining halls (walking distance)
- * Riverside Food Lab (food hall, trendy, a little loud/crowded, many food options)

Friday, January 17

Morning Meetings: Physics Department

7:45 am Pick up from Quality Inn (Flip Tanedo), bring luggage

10:00 — 11:30am **Flip Tanedo**, Physics 3054
Discussion of projects and opportunities
Filling out APS/Moore Foundation paperwork

Noon - 1:15pm UCR Data Science Center lunch and talk
Campbell Hall 104

The purpose of the Data Science gatherings is to foster collaborations between "core" Data Science faculty (from CSE/ECE/Stat Departments) and faculty from other sciences that face Data Science problems in their research. These informal gatherings are open to interested faculty and graduate students. Each meeting will start with a talk describing research problems and then a discussion will follow for questions, open problems, ideas for possible collaborations etc.

1:30 - 3:00pm Drive to UC Irvine with Flip Tanedo

Afternoon Meetings: UCI

6:00pm Dinner in Irvine
8:00pm Drop off at The Atrium in Irvine