

ISSAC 2013

Schedule and Logistics

Why Star and Planet Formation?

- Major new facilities, particularly ALMA
- Computational methods dominant
- Some of the most advanced computational methods: non-ideal MHD, RHD, reactive flows, solid-gas interactions, large dynamic ranges
- Cosmologists need us DESPARATELY

Codes and Instructors

- Week 1
 - Tom Quinn (gasoline / charm++ / changa)
 - Patrick Hennebelle (ramses)
- Week 2
 - Jim Stone (athena)
 - Paul Clark (seren)
- Week 3
 - Robi Banerjee (flash)
 - Stella Offner (radmc-3d, hyperion, casa)

Homework

- This is a HANDS-ON school: lecturers will give homework assignments
- Homework to be completed on hyades (3000-core supercomputer on campus)
- All codes and libraries already installed on hyades

Student Talks

- All students encouraged to give ~5-10 minute talk on their research during the last two days of the school
- Can be on current research or on a project done at the school
- Sign-ups to be held Monday of last week

Weekday Schedule

- 8:30 – 9 : light breakfast
- 9 – 10 : code lecture 1
- 10 – 11 : code lecture 2
- 11 – 11:30 : coffee break
- 11:30 – 12:30 : topical lecture
- 12:30 – 2:30 : lunch
- 2:30 – 5:00 : workshop (homework!)
- 4:00 : light snack

Web Page

- Full schedule at http://hipacc.ucsc.edu/ISSAC2013_Schedule.html
- All lectures will be recorded and posted immediately
- Web forums for discussion of lectures, and any other matters, also accessible

Special Events, Week 1

- Monday, 22 July: welcome BBQ, 5:30 PM, Oakes Lawn
- Tuesday, 23 July: bus to Safeway, 5:30 PM, departing from Oakes parking lot
- Thursday, 25 July: Shakespeare Santa Cruz in the Redwood Grove; boxed lunch at 6:45 PM, show at 7 PM – **sign up THIS MORNING!**
- Saturday, 27 July: hike from upper campus led by MRK, meet at 9:30 AM, details TBD

Special Events, Week 2

- Monday, 29 July: bus to Safeway, 5:30 PM, departing from Oakes parking lot
- Wednesday, 31 July: movie night, 7:00 PM, 105 Oakes, pizza and drinks provided
- Sunday, 4 August: trip to Monterey Bay Aquarium, buses leave Oakes parking lot 10:30 AM, return to campus 5:00 PM – **sign up THIS MORNING!**

Special Events, Week 3

- Monday, 5 August: bus to Safeway, 5:30 PM, departing from Oakes parking lot
- Thursday, 8 August: final banquet, 6:00 PM, Alumni Room, University Center
- Saturday, 10 August: checkout time 1:00 PM

On-Campus Food

- Breakfast provided M – F near lecture hall
- Lunch provided M – F at College 8 Dining Hall
- Other meals:
 - College 8 Dining Hall (7 – 8:30, 11:30 – 1:30, 5 – 7)
 - Global Village Café (8 – 5 weekdays, 12 – 5 weekends, closed July 27-28)
 - Porter Grill (8 – 3 every day)
 - See web page for more options

Off-Campus Food

- Numerous restaurants downtown
- Buses run between campus and downtown Metro Center 7 AM – 11 PM (later take a cab)
- Catch the bus from Heller Drive on campus
- Bus routes between campus at Metro Center: 10, 12, 15, 16, 19, 20
- Fare: \$2 per ride, or 15 rides for \$27

Things to Do in Santa Cruz I

- Hiking: can hike upper campus, and from there into several state parks; google "UCSC upper campus trail map"
- Beach: take bus 20 to Natural Bridges State Beach, or bus 19 or 20 to Santa Cruz Beach Boardwalk
- Amusement park: roller coasters, bumper cars, etc. at Santa Cruz Beach Boardwalk

Things to Do in Santa Cruz II

- Drinking: wine ghetto with ~10 wineries, 1 brewery open for tastings, <http://www.surfcityvintners.com/> for location; accessible via several bus routes; also several winery tasting rooms downtown
- Eating: some favorites: Chocolate, 515 (cocktails), Palomar (Mexican), Laili (Persian), Malabar (vegetarian Asian fusion), Bantam (pizza, near wine ghetto)

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