

Workshop on Collective Neutrino Oscillations in Supernovae and Neutron Star Mergers

We would like to bring together experts working on neutrino flavor conversions in explosive stellar environments for this workshop. Over the last few years there has been significant progress in unraveling the collective behavior of neutrino flavor conversions in dense environments and their potential impact on related observables. This includes not only understanding the flavor evolution on the mesoscopic scale associated with the collective wavelengths, but also incorporating this phenomenon into the macroscopic scale of astrophysical simulations. On the other hand, various simplifications and assumptions have been taken to shed light on this problem. These fruitful developments bring along different viewpoints and sometimes even seemingly contradicting conclusions. Now it is a perfect time to reconvene, discuss, and learn from each other. With this in mind, we invite colleagues working in this field to come to this workshop and welcome everyone who is interested in joining.



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- Program update:

Wednesday and Thursday's are reshuffled.

The “Many-body” session has been moved to Wed morning.

Both “Merger” and “nucleosynthesis” sessions are on Thursday.

- Talk slides:

Speakers please upload your slides allowing for public access to Dropbox via the upload link (sent by email or from the workshop homepage) for us to post them on Indico.

- Financial support:

Find the workshop secretary Ms. Yu-Wen Chen if you haven't received your support. Note that we give you the AS guest room accomodation cost first, and you'll need to pay them when checking out.



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- Wifi connections:
 - “Supernovae” (In 5F meeting room; passwd:03230327)
 - “eduroam” (whole campus; use your eduroam credential)
 - “PHYS-GUEST” (follow intruction from web browser)
- Dinning information:
 - Welcome reception: 6pm tonight here
 - Workshop banquet on Thursday 6pm
 - Lunch: self-organize; check out the Food Map
- Working desks available at:
 - Room P5D in the 5th floor (next to the meeting room)
 - The library in the 3rd floor.
- Power sockets available under the table (inside the drawer)



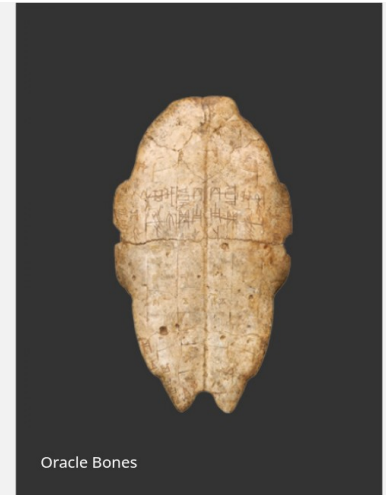
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- Wednesday afternoon free excursion:

1) Hiking to Taipei 101 (follow Jakob)



2) Guided tour at AS History Museum (sign up TODAY!)



See also the workshop page “Excursion Options” for other possibilities.

