



THE MANY FACES OF COMPACT STARS: Barcelona School 2014 2014 September 22-26

Monday September 22nd

09:15 Welcome

09:30 – 11:00 Emma de Oña-Wilhelmi: *“Supernova Remnants and Pulsar Wind Nebulae”*

11:00 – 11:30 coffee break

11:30 – 13:00 Roberto Turolla: *“Thermal emission and radiative processes in isolated neutron stars”*

13:00 – 14:30 lunch break

14:30 – 16:00 Emma de Oña-Wilhelmi: *“Supernova Remnants and Pulsar Wind Nebulae”*

16:00 – 16:30 coffee break

16:30 – 18:00 Roberto Turolla: *“Thermal emission and radiative processes in isolated neutron stars”*

19:30 Reception. El Guixot Restaurant. Carrer de la Riereta, 8 (El Raval, Barcelona).

Tuesday September 23nd

09:30 – 11:00 Micaela Oertel: *“The high density Equation of State for neutron stars and Supernovae”*

11:00 – 11:30 coffee break

11:30 – 13:00 Valeria Ferrari: *“Gravitational waves and compact stars”*

13:00 – 14:30 lunch break

14:30 – 16:00 Davide Lazzati: *“Physics of Gamma-ray Bursts and their connection with Supernovae”*

16:00 – 16:30 coffee break

16:30 – 18:00 Rob Fender: *“Microquasars and jets”*

20:30 – Lecturers’ and Working Group Dinner.



Wednesday September 24nd

09:30 – 11:30 Jason Hessels: *“Radio pulsars, timing analysis and Pulsar Timing Array”*

11:00 – 11:30 coffee break

11:30 – 13:00 Valeria Ferrari: *“Gravitational waves and compact stars”*

Fiesta de la Merce’: Free afternoon

Thursday September 25nd

09:30 – 11:00 Dima Yakovlev: *“Neutron star cooling as a probe of fundamental physics”*

11:00 – 11:30 coffee break

11:30 – 13:00 Julien Malzac: *“Accreting binary systems with compact stars”*

13:00 – 14:30 lunch break

14:30 – 16:00 Davide Lazzati: *“Physics of Gamma-ray Bursts and their connection with Supernovae”*

16:00 – 16:30 coffee break

16:30 – 18:00 Jason Hessels: *“Radio pulsars, timing analysis and Pulsar Timing Array”*

18:30 – 19:30: Outreach lecture by Davide Lazzati (Oregon State University)

Friday September 26nd

09:30 – 11:00 Dima Yakovlev: *“Neutron star cooling as a probe of fundamental physics”*

11:00 – 11:30 coffee break

11:30 – 13:00 Rob Fender: *“Microquasars and jets”*

13:00 – 14:30 lunch break

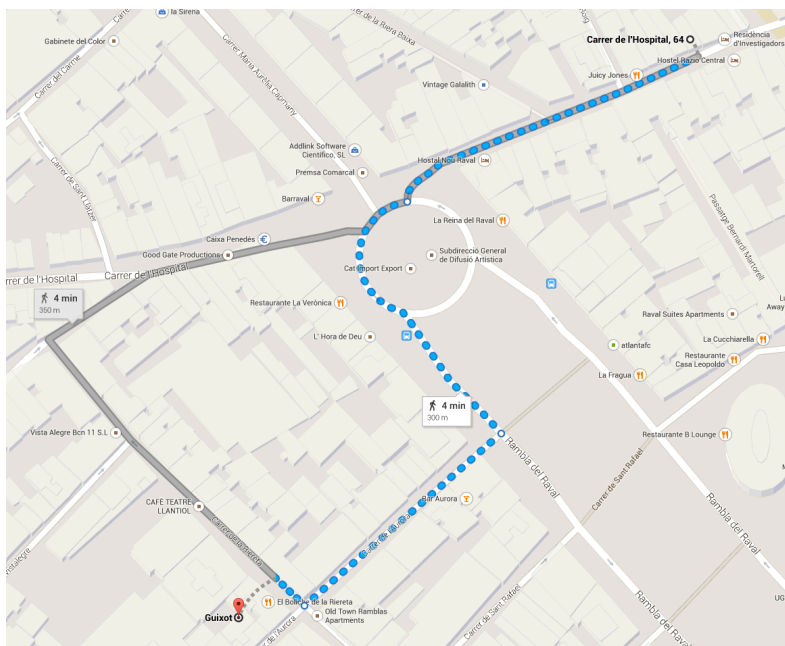
14:30 – 16:00 Micaela Oertel: *“The high density Equation of State for neutron stars and Supernovae”*

16:00 – 16:30 coffee break

16:30 – 18:00 Julien Malzac: *“Accreting binary systems with compact stars”*



How to reach the Reception on Monday:



From **Residencia de Investigadores CSIC** (C/Hospital, 64) to **Restaurant Guixot** (C/de la Riereta, 8)

Useful phone numbers

Emergency phone & Mossos d'Esquadra (catalan police): 112
CatSalut (ambulance): 061
Guàrdia Urbana (local police): 092
Policía Nacional (national police, useful for passports): 091
Centro de Esoteria, Tarotistas y Videntes en Barcelona: 666