Dear all,

we'll meet all of you next week at GGI, and below you find a short note on how we plan to organize the activity in the first two weeks.

1) The first week of the workshop has three lecturers, Lombardo (lattice QCD at finite density), Vidana (Hyperons) and Mannarelli (quark condensates at finite density). Each of them will give 4 hours of lectures, for a total of 12 hours. The lectures will be concentrated during the central days of the week, i.e. Tuesday, Wednesday and Thursday, 4 hours a day, 2 in the morning and 2 in the afternoon.
   The main topic of the week will be the EOS of matter at high density and in particular the formation of resonances (hyperons, deltas, kaon condensate). We think that it will also be useful to discuss the EOS in connection with the already existing and the possible future measurements of masses and radii. Since Monday 10th will be the arrival day of almost all participants, the morning will be very busy, and therefore we propose to meet on Monday afternoon for a first discussion of these topics. Everybody is invited to come with a slide containing problems and ideas he/she would like to discuss during the workshop. Clearly the discussion will continue during the whole week in the ways that we will find more appropriate, either in small groups or as a common discussion. Students are strongly encouraged to show their results. We expect to meet all together again on Friday morning to try to summarize the ideas that have been put forward during the week and, ideally, to write half a page of summary.

2) The second week of the workshop has three lecturers, Baldo (theoretical treatment of superfluidity), Yakovlev (neutrinos and cooling) and Metzger (GRBs). Each of them will give 4 hours of lectures, for a total of 12 hours. The lessons will be concentrated during the central days of the week, i.e. Tuesday, Wednesday and Thursday, 4 hours a day, 2 in the morning and 2 in the afternoon.
   The main topic of the week will be explosive phenomena and evolution of the protoneutron stars. This involves the process of cooling and neutrino emission. As for the first week, we'll meet on Monday afternoon for a first discussion of these topics. Everybody is invited to come with a slide containing problems and ideas he/she would like to discuss during the workshop. Clearly the discussion will continue during all the week in the ways that we will find more appropriate, either in small groups or as a common discussion. Students are strongly encouraged to show their results. We expect to meet all together again on Friday morning to try to summarize the ideas that have been put forward during the week and, ideally, to write half a page of summary.