**Questionnaire about the Talent2018 course**

Dear TALENT2018 participants,

Thank you for attending this TALENT2018 course. You are encouraged to fill this questionnaire form, which will be very important for the TALENT committee for future courses.

Please rename the file as QTF-yourname and reply to [machw@htu.edu.cn (CW](mailto:machw@htu.edu.cn(CW) Ma, HNU) with a title of “Questionnaire Talent2018” early before 5th, August, 2018.

LOC

29th, July, 2018

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| Name | | Yuanzhuo Ma | Affliation | Peking Univ. |
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| No. | Comment or answer on he following questionnaire | | | |
| **Q1** | **What where your expectations and were they met?** | | | |
| A | Before I came to Xinxiang, I was thinking that I could learn some modern nuclear many body methods and make some code of them. After these three weeks, it does help me to get some feeling and experience which are really good.  Besides, the commutation with classmate tutors and lectors is really fantastic and I learned quit a lot from that. | | | |
| **Q2** | **Was the course useful?** | | | |
| A | Yes, very useful. Because my Phd thesis is about the 3NF from chiral potential, I really want to learn some modern many body methods which should be very useful for my future research and this course is really a good opportunity. | | | |
| **Q3** | **What is your overall experience?** | | | |
| A | The first week’s lectures, exercise and programming projects are easy for me. From middle of second week, I need spend more time after the class to understand and make the code. Especially, after finishing the coupled-cluster model for neutron matter, I only have one afternoon to code up imsrg model. That makes me a little nervous. Generally speaking, it’s a these three week are substantial and interesting. | | | |
| **Q4** | **Daily workload** | | | |
| A | The workload is not so much for pairing fci and ccsd, but a little more for imsrg because of the time limitation. | | | |
| **Q5** | **Interactions with instructors** | | | |
| A | Very good. They answer our question very patience. And always we can get some suggestions from them. | | | |
| **Q6** | **Content of lectures** | | | |
| A | Very good. lectors have their owe style, but they prepare the lectures very well. | | | |
| **Q7** | **Pedagogical quality of lectures** | | | |
| A | Quite good, especially for full CI and couple-cluster part. | | | |
| **Q8** | **Interest and relevance of exercises** | | | |
| A | The exercises “compute the commutator” is quite relevance to our computational projects. | | | |
| **Q9** | **Level of exercises** | | | |
| A | The exercises are not too easy and not too hard. But I think this course doesn`t pay too much attention on exercises, also for us students actually do not do many exercises. | | | |
| **Q10** | **Interest and relevance of computational projects** | | | |
| A | Very well designed and very interesting. FCI, CCD for pairing model, CCD for neutron mater and IMSRG are quite relevance to each other. From “toy model” to some kind “real system”, I want to say the computational projects is quit nice. | | | |
| **Q11** | **Level of computational projects** | | | |
| A | Very high quality, especially choosing pairing as the interaction is very friendly to us. Then we do not need to pay more attention about the details of potential but concert on many body method. | | | |
| **Q12** | **Interactions with fellow students** | | | |
| A | Sorry, a little miss understanding about fellow students. If you want to know the interaction with assistants, I would like to say they are important. Especially Zhonghao helps me a lot and give me a lot suggestions both on the theory and computation codes. | | | |
| **Q13** | **Accommodations and infrastructure, local organization** | | | |
| A | Quit nice. They provide us very nice hotel and food. Prof. Chunwang Ma and his students make a great effort to organize this talent course very well! I really appreciate them. | | | |
| **Q14** | **Other topics you think are useful to mention** | | | |
| A | I would to say it could be more success for us students, if we could have more time on the last project “imsrg”. | | | |
| **Q15** | **Would you attend other Talent courses and would you recommend colleagues and fellow students to attend?** | | | |
| A | Sure! And Thank you! | | | |