

## **NIC XV Satellite School on experimental and theoretical methods in Nuclear Astrophysics with applications**

### **Application form**

Given name: \_\_\_\_\_

Family name: \_\_\_\_\_

Date of birth: \_\_\_\_\_

Gender: \_\_\_\_\_

Institution: \_\_\_\_\_

Undergraduate/Graduate/Postdoc: \_\_\_\_\_

Subject of your study (please indicate the area and the approach e.g.  
experiment/theory):  
\_\_\_\_\_

Knowledge of programming language: \_\_\_\_\_ Which one: \_\_\_\_\_

The School will include a stage on different subjects. Please indicate your  
interest in priority order (1-5):

#### **Experiment:**

- 3MV tandem laboratory: nuclear reaction cross sections using ERNA.
- ICP-MS laboratory: measurements of isotopic ratios in meteorites.
- Multi-messenger astronomy: detection of high energy neutrinos  
(KM3NeT).

#### **Theory/analysis:**

- Stellar evolution and Nucleosynthesis: model calculations, nuclear cross  
sections and comparison to observations.

**Indirect methods: Trojan Horse Method from the raw data to the cross section.**

Are you attending the NIC XV Symposium at LNGS? \_\_\_\_\_

Consider that School will provide free accommodation. Attendees are expected to cover all other expenses, e.g., travel costs and additional meals.

Do you need additional financial support to attend the School? \_\_\_\_\_  
If yes, what is the sum of costs you are requesting to cover? \_\_\_\_\_

Please be aware that attendees will be requested to follow the code of conduct available at the School web site ([http://www.circe.unicampania.it/attachments/article/26/code\\_of\\_conduct.pdf](http://www.circe.unicampania.it/attachments/article/26/code_of_conduct.pdf)).

Please read the Code of conduct. Do you commit yourself to follow it? \_\_\_\_\_

Please note that not accepting the Code of conduct might result in a rejection of your application.

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*Please send registration form to [infodmf@unicampania.it](mailto:infodmf@unicampania.it) with the subject: Application to NIC 2018 Satellite School.  
Please attach to the email a support letter from the Head of your Institute/Course/Research Group/Sponsor.*