

# Rules BNS-YG Scientific Contest

## 1 COMPETITION

### 1.1 MAIN COMPETITION – BNS PRIZES

The winner of this competition will get the opportunity to present his or her work during the combined SCK•CEN – BNS Event. The selection is a two-stage process, where the first down-selection is based on the manuscripts and summary provided. The three best candidates will then be selected to present their work during a closed presentation competition (held just before the event itself). Each candidate will be given 20 minutes; this encompasses 15 minutes for the presentation and 5 minutes for questions from the Jury.

### 1.2 ONDRAF/NIRAS PRIZES

In parallel to the main competition, and thanks to sponsorship by ONDRAF/NIRAS, 2 prizes will be awarded to outstanding Master Theses defended at a Belgian University or Institute for Higher Education. The selection for these prizes is based solely on the manuscript and summary provided. The winners get the opportunity to give a short presentation during the combined SCK•CEN – BNS Event.

### 1.3 POSTER SESSION

The candidates that are not selected for the main competition nor the ONDRAF/NIRAS prizes will automatically compete in the poster session of the Evening Lecture. A dedicated Jury will determine the winner of the poster session. The printing and handling of posters can be performed by the BNS, if needed. The final results will be announced during the combined SCK•CEN – BNS Event.

## 2 ELIGIBILITY

1. The participation to the main competition is open to all students, who have successfully finalized their studies and defended a Master Thesis at a Belgian University or Institute for Higher Education (Hogeschool, Haute école), and to young professionals, who have published a paper while living or working in Belgium, or while being a BNS member. PhD theses are not accepted, but a paper published while completing a PhD can be introduced. The ONDRAF/NIRAS prizes will only cover

#### Siège social – Sociale hoofdzetel

c/o SCK•CEN  
Avenue Herrmann Debrouxlaan 40,  
BE-1160 Brussels, Belgium

[www.bnsorg.be](http://www.bnsorg.be)

#### Secretary

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210-0400387-23 (Fortis)  
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#### Organisation number

462.608.836

Masters Theses defended at a Belgian University or Institute for Higher Education.

The BNS Scientific Contest is co-organized with SCK•CEN's Best Master Thesis Contest. For a master thesis completed at the SCK•CEN, participation is restricted to either the BNS Scientific Contest or the SCK•CEN's Best Master Thesis Contest. Trying to submit your thesis to both events will exclude you from the BNS Scientific Contest.

2. It is assumed the participants have read and accepted the rules of the BNS-YG thesis contest.
3. A participant can be up to 36 years of age.
4. People that are related to a member of the jury are excluded from the contest.
5. At least 3 inscriptions are needed to organize the Scientific Contest.

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### 3 GOAL

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The goal of the contest is to award a work related to a "nuclear" topic. This topic can be fundamental research, nuclear technology, medical applications of nuclear technology ... Candidates are judged based on the originality of the topic, the scientific impact/practical application, the quality of the supplied text and the presentation of their work during the Evening Lecture.

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### 4 PROPRIETARY INFORMATION

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1. The work has to be original, but a publication by the author or authors at the moment of submission is allowed.
2. The transmission of the document does not imply the transmission of the rights of the author.
3. The submission of the summary does, however, give the BNS and BNS-YG the right to use the summary in their publications in traditional and digital media. These publications will mention the source of the text, but do not require special authorization for each publication and is unlimited in time.
4. The dissemination of the slides of the presentation amongst the BNS members is strongly promoted. If the presentation cannot be shared for confidentiality issues, this should be clearly notified within the application file.
5. All documents delivered to the BNS-YG will not be returned.

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## 5 JUDGING

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1. The Jury and President of the Jury are appointed by the Core group of the BNS Young Generation. It will be constituted of 5 members.
2. The Jury decides by majority of votes. In case of equality in votes, the vote of the President of the Jury prevails.
3. The jury has the right to decide not to award the prize(s) if the level of the submitted works is estimated not to obtain the expected level.
4. The decisions of the jury are to be considered as final.

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## 6 SUBSCRIPTION

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### 6.1 APPLICATION FORM

The application file and required documents must be transmitted to [yq@bnsorg.be](mailto:yq@bnsorg.be) with the title « BNS Young Generation Thesis Contest » in the subject, before September 15, 2018. The application must include:

1. a digital copy of the manuscript to be judged (Master thesis or paper),
2. a summary in English of 2 to 4 pages, which makes the different aspects of the work (e.g. goal, methods, results and conclusion) accessible to a broader public,
3. a digital copy of a poster which makes the different aspects of the work (e.g. goal, methods, results and conclusion) accessible to a broader public. It will be printed on A0 by the BNS,
4. a Curriculum Vitae (coordinates of the participant, academic background with results, professional situation, experience, ... ),
5. a notification allowing – or not – the dissemination of the slides amongst the BNS members, if the manuscript is selected for oral defense.

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## 6.2 MANUSCRIPT REVIEW

Manuscripts reviewed by the Jury have to fulfill the following criteria:

*For Master theses:*

The work was defended in 2018 at a Belgian University or Institute for Higher Education (Hogeschool, Haute école). It must have been judged sufficient by the institute of higher learning to pass the courses for which it was written.

*For papers:*

The work must have been accepted for publication or published in a peer-review Journal or in Conference Proceedings (preferably with a peer-review process) in 2018. The participant should be one of the main (co-)authors of the work.

In both cases, the work must fit all other requirements stated throughout this document.

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## 7 PRIZES

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The prize money is divided in the following way:

- 1<sup>st</sup> prize : 1000 euro
- 2<sup>nd</sup> prize : 350 euro
- 3<sup>rd</sup> prize : 150 euro
- ONDRAF/NIRAS prizes for Master Theses: 2x 1000 euro
- Prize of the poster session : 150 euro

Additionally, each participant will become member of the BNS for one year, without charge. The prize will be awarded to the student(s) who has/have written the chosen work. If the work was written by multiple students, the prize money will be divided in equal parts among them.

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## 8 FINAL PROVISION

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For all topics and events not listed in the Rules of the BNS-YG Scientific Contest, the decision of the President of the Jury is final.