

# RULES FOR THE ETSON AWARD 2023 CALL TO JUNIOR EXPERTS FOR COLLABORATIVE PAPERS

The ETSON network has decided to reward annually collaborative papers written by a team of young experts from the different ETSON member organizations (Technical Safety Organizations) by offering ETSON Awards, usually to be officially presented and awarded at the EUROSAFE Forum or ETSON Conference. This year the awards competition will be organized in Brussels (Belgium) together with the ETSON General Assembly.

## 1. Objectives

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ETSON aims to develop and promote best practices in nuclear safety assessment. ETSON benefits from the experience of its members and also intends to foster the dialogue amongst its members and furthermore to stimulate young expert cooperation in the domain of activities of the Network.

The ETSON Award is to promote junior experts for this aim and objectives. Therefore, the Award will reward achievements in topics such as:

- Nuclear safety assessment and research,
- Radiation protection of the environment, population and workers,
- Safe management of radioactive waste, safe decommissioning and dismantling,
- Security of nuclear installations.

## 2. The ETSON Award prize

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The ETSON Award money amounts to 5,000 € in total, to be shared among the winning teams. The best contribution will be honored with 3,000 € and the second-best with 2,000 €.

## 3. Modalities and conditions

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All candidates should preferably be under 35 years of age and should work in the field of ETSON activities mentioned above.

Only authors from ETSON member organizations are eligible for the award, however cooperation with universities or external research institutes is accepted (as co-authors). Cooperation, in particular between several technical support organizations, is part of the selection criteria. For example, papers authored by young experts from several TSOs will receive a bonus in the selection. However, a paper proposed by a single expert or a team from a unique ETSON member may however be considered.

## 4. Choice of topic

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The papers should contribute to the progression of the understanding of or the development of one of the above activities. The topic chosen should be original and innovative.

## 5. Promotion of the event

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Inside ETSON, the JSP (Junior Staff Programme) is a network of young engineers/researchers. It is managed by a team consisting of young experts that have been selected by their TSO as a delegate for that TSO.

The promotion of all information regarding the application for the ETSON Award is organized through each JSP delegate in his/her Organization.

## 6. Selection of candidates

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The ETSON JSP Committee (JSP Chair, secretary and web support), the ETSON Award Committee (Four Experts from different TSOs usually and one JSP delegate) will make the selection and assessment; the winners will be selected through the following three-step procedure.

### 1. First step – identification of candidates

The candidates will send their applications (abstract, paper, authors impact justification, authors declaration and CV, see §7) to the ETSON JSP committee at "[etson.award@grs.de](mailto:etson.award@grs.de)". The ETSON JSP committee identifies candidates based on criteria presented in §7.

### 2. Second step – selection for nomination

Based on the full paper, the ETSON Award Committee will then decide to nominate five of the candidates that go through to the third step. In doing so, the ETSON Award Committee takes into account:

- Scientific or technical value
- Originality and innovation
- Relevant cooperation between several ETSON/EUROSAFE members
- Pertinence with respect to the ETSON objectives
- Multidisciplinarity as an added quality value.

The ETSON JSP Committee informs the candidates of the nominations.

If there are more than 5 papers, the others will be discarded, so their authors have no obligations towards ETSON (e.g. copyright) because their manuscripts are not going to be published.

### 3. Third step – selection of the winners

The five nominated papers will each have to be presented in a competition (Science Slam) in short (max. 7 minutes) presentations using a maximum number of four slides with the scientific content.

The candidates will be rated by the ETSON Award Committee (results achieved and scientific excellence) and the audience from the TSOs in visioconference (based on the oral presentation). A bonus will be given for cooperation between experts from different TSOs. The calculation method for the selection of the winner will be sent by confirmation of nomination.

Those teams that score the highest overall rating will be granted the ETSON Awards.

## 7. Practicalities

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The ETSON JSP Committee will manage the relations between the candidates and the ETSON Award Committee. The candidates will send their application for the award at [etson.award@grs.de](mailto:etson.award@grs.de) before the deadline mentioned in paragraph 8 hereafter.

The application should be written in English, and should include:

- Abstract (150-250 words),
- Full Paper
- Justification of the impact of their paper with respect to ETSON objectives and compliance with the ETSON guides and/or research programs,
- Statement by the team that the paper is original and has not been published or submitted for publication,
- Short CV of all co-authors of the team. The CVs will be used to verify the personal conditions mentioned above.

The ETSON JSP committee will check the completeness of the application and provide the applicants with a confirmation of receipt and acceptance.

The full papers shall then be sent by the candidates to the ETSON JSP Committee at [etson.award@grs.de](mailto:etson.award@grs.de). The layout of the papers (and slides) shall follow the ETSON template that will be given to the candidates. The papers shall not exceed 6 pages (including the text, all tables and figures). The contents must not have been published before, neither at another conference nor in a journal. The winners of the Award and the award papers will be published on the ETSON website.

On the one hand, the winners of the ETSON Award will be allowed to mention this award in all her/his/their forthcoming activities where this is relevant. On the other hand, the ETSON network has the right to freely publish a summary of the winning text and/or material for publicity purposes on any ETSON related carrier it considers useful without written consent from the winners.

## 8. ETSON AWARD time schedule

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- March:  
Invitation of papers for the ETSON Award, incl. these Rules
- July 31<sup>st</sup>:  
Application deadline for the submission of the title, abstract, paper (max. 6 pages), justification, statement and CV to "[etson.award@grs.de](mailto:etson.award@grs.de)"
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- September 21<sup>st</sup>:  
Nomination by the ETSON Award Committee of the five papers to be presented during the ETSON conference within the session "Science Slam" in Brussels, Belgium. Information to the authors about the teams nominated for the Science Slam.
- October 11<sup>th</sup> -12<sup>th</sup>: in Brussels (Belgium)
  - Science Slam of the nominated papers (7-minutes presentation by one member of the team with maximal of 4 slides),
  - Selection of the winners by the ETSON Award Committee and the voting of the audience (ETSON TSO engineers and researchers in visioconference and ETSON General Assembly participants).
  - Awards ceremony to the two winners
- Publication of the full papers/proceedings on ETSON website.

Note: the ETSON Award committee or Jury: four ETSON senior experts and one JSP delegate.