



**Best Scientific Research
in the iron and steel
industry for 2025**

18th Arab Steel Summit – 2025

07–08 October 2025 – Muscat– Oman



Best Scientific Research in the iron and steel industry for 2025

1. Introduction:

After the success of the first experience in organizing the competition for the best three scientific researches in the field of iron and steel for the year 2024, the Arab Iron and Steel Union continues to build bridges of cooperation between scientific research and Arab and international steel companies by organizing the competition for the second consecutive year.

The Union announces the opening of nominations for the best scientific research in the field of iron and steel for the year 2025 and invites all researchers from universities, institutes, research centers and specialists from iron and steel companies in Arab and international countries to submit scientific research that works to develop the iron and steel industry.

2. Research Fields:

The Arab Iron and Steel Union awards appreciation awards to researchers who present research that has an impact on the development and growth of the iron and steel industry in three areas:

- **Technical Papers:** In-depth studies on advancements in steel production, technology, or materials.
- **Case Studies:** Insights into practical applications or industrial challenges.
- **Innovation and Sustainability:** Recent innovations, drivers of change and sustainable development in the steel industry.

3. Nomination conditions :

- The researcher must be registered at a university, research centre or iron and steel company.
- The research should be submitted individually or collectively, provided that in both cases it is accompanied by a letter of recommendation delivered by the institution with the seal and signature of the concerned and responsible authority.
- The group representative must have an authorisation from the other members.
- He/she must adhere to the research submission dates announced below (6).

4. Search Conditions:

- -The research must be produced by the researcher during the period from 2022 to 2025 and the research has not previously received an award.
- The research must carry a new scientific addition and not be quoted or duplicated.
- The research must be feasible to study and apply and suitable for the available time and resources.
- Adherence to the fields specified above (2).
- The Federation has the right to publish the submitted research through its various platforms.
- All intellectual property rights remain the property of the researchers.

5. How to enter the competition :

- **First Step** : Register through the Federation's website (www.aisusteel.org).
- **Second Step** : The General Secretariat will respond to the registration and request to send the following attachments:
 - Personal photo
 - CV of the researcher in case of individual work
 - CV of the representative and members of the group in case of collective work.
 - A copy of the researcher's or group representative's passport.
 - A letter proving the affiliation of the researcher or group representative to the entity. University – Research Centre – Company
 - (See Form No. 1 in the annexes).
 - Letter of recommendation from ... University – Research Centre – Company with the signature and seal of the responsible party
 - (See Form No. 2 of the attachments).
 - Letter of authorisation for the group representative from the rest of the members in case of group work
 - (See Form No. 2 in the attachments).
 - Submit the research idea or the issue that he/she wants to address through the research, no more than 250–300 words (2 pages) in A4 size.
 - The deadline for registration and submission of the research idea is 15 March 2025 at 24:00 GMT



- Third Step : The General Secretariat and the Jury Committee will study the nomination files and respond to all files with approval or rejection until 1 April 2025 at the latest.
- Fourth Step : Send the final version of the research as follows:
 - Language: English.
 - File type: PDF or Word.
 - Number of pages: Papers should not exceed 10,000 words (20 pages).
 - Format:
 - Title.
 - Authors and organization.
 - Introduction.
 - Methodology.
 - Results and Discussion.
 - Conclusion and recommendations.
 - References (if any).
 - Deadline to send the final version of the paper to awardsteel2025@aisusteel.org 15 July 2025 at 24:00 GMT

Attention: The Secretariat can communicate with the concerned authorities to ensure the validity of the data sent.



6. Dates

- 15 March 2025: Registration deadline.
- 01 April 2025 : Response with approval or rejection from the General Secretariat.
- 15 July 2025 : Deadline for submission of the final paper.
- 01 September 2025 : Announcement of the three winners on the website and send an email to the winners.
- 08 October 2025: Presentation of the three research papers by the winners during the 18th Arab Steel Summit 2025 in Muscat and awarding of awards.

7. Jury Committee :

- The jury is made up of neutral Arab and international authorities in the field of iron and steel.

8. How to evaluate :

- Quality of Research (40 Points): The depth, originality, and rigor of the research.
- Presentation and Clarity (20 Points): The organization, readability, and visual quality of the submission.
- Impact and Applicability (40 Points): The practical significance and relevance of the research to the steel industry.

9. Awards:

- A valuable prize will be awarded to the best paper in each topic as follows:
 - First award : \$5000
 - Second award : \$3000
 - Third award : \$2000

In addition to defraying accommodation expenses and tickets to attend the 2025 conference in Muscat by the Federation