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Policy on the use of Artificial Intelligence in IIW

Release notes:

New template (simplified)

PREPARATION	VERIFICATION	APPROVAL
Luca COSTA	WG-Governance	Board of Directors

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1 Introduction and scope

For the scope of this policy, Artificial Intelligence (“AI”) refers to systems or machines that simulate human intelligence to perform tasks and can iteratively improve themselves based on the information they collect.

Areas of use of AI applicable to the case of the IIW include:

- Generative AI programs can generate new images, texts, and other content (or "outputs") in response to a user's textual or other prompts. Generative AI programs are trained to create such outputs partly by exposing them to large quantities of information in any form (existing writings, photos, paintings, or other works).
- Translate information from a variety of sources, such as documents, videos, and real-time discussions during meetings.
- Derive meeting minutes and a list of actions from discussions.

The use of AI and Generative AI opens different areas of concern:

- The novelty and degree of human intervention in the generation of content: although AI can assist in developing, the science and research communities are focusing on authenticity and originality.
- The amount of confidential, private and protected data shared through the AI programs: by providing information to the AI engines, this data feeds the collection of information filed in the AI program databases, potentially violating confidentiality, privacy of information and, possibly, copyrights.

Based on the above considerations, IIW adopts the following policy.

2 Policy

This policy applies to processes under the direct control of IIW. IIW is not responsible for activities performed by IIW members, its Approved and Authorised Bodies (ANBs, ATBs, ANBCCs).

IIW recognises that artificial intelligence (AI) tools may assist in drafting content. IIW commits to:

- Foster innovation based on authenticity and originality as developed by human intervention and content generation abilities.
- Protect privacy, integrity and confidentiality of data, and
- Inform those concerned of the proper use of AI tools.

To comply with the above policy, IIW limits the use of AI tools to selected applications, offers learning tools on the use of AI and may use tools for the detection of AI-generated content.

3 Implementation of the policy

The above policy leads to the following actions:

1. The policy is made publicly available on the IIW website, and in particular on the section for the uploading of papers for the Commissions.
2. IIW endorses the AI policy of Springer for the IIW publications on the Journal “Welding in the World” and the books of the “IIW Collection”.
3. Guidance and information material is offered to members of the IIW Community, including the Members of the IIW Board of Directors, TMB and IAB.
4. Use of AI tools to draft minutes and generate real-time translation is limited to IIW-approved Software with the use of approved settings.