

SciProdLLM 2025

**The First Workshop on Human–LLM Collaboration for
Ethical and Responsible Science Production**

Proceedings of the Workshop

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Association for Computational Linguistics (ACL)
317 Sidney Baker St. S
Suite 400 - 134
Kerrville, TX 78028
USA
Tel: +1-855-225-1962
acl@aclweb.org

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Introduction

It is our great pleasure to welcome you to the first edition of SciProdLLM: Workshop on Human–LLM Collaboration for Ethical and Responsible Science Production.

Large language models (LLMs) are on the rapid rise to empower human researchers in science production at all stages, from the initial conception of research problems to reporting scientific discoveries. In 2025, American publisher Wiley surveyed 5,000 researchers across 70 countries and found that majority support LLM adoption in scientific production. While LLMs could enable faster, cost-effective research addressing global challenges, they raise ethical and trust concerns. To explore these issues, we organized the SciProdLLM workshop with the goal of providing a forum for presenting and discussing research on integrating LLMs into the typical research workflow: from ideation to experimentation to scientific writing, with a particular focus on human-centered approaches that ensure ethical and responsible use of LLMs. We also invite work that evaluates the quality of LLM-assisted research workflows and the resulting outputs.

This year, we received 8 archival and 13 non-archival submissions, and we have selected 18 submissions (5 archival and 13 non-archival) for presentation at the workshop, yielding an acceptance rate of 62.5% for the archival submissions.

Many thanks to the SciProdLLM program committee for their thorough and thoughtful reviews. We would also like to thank to our invited speakers whose talks we strongly believe will make the workshop exciting and memorable.

We are looking forward to the first edition of the SciProdLLM workshop!

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November 2025

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