

Status and prospects for development of research in the field of plasma physics and controlled fusion in Russia (review of results of the LI International (Zvenigorod) Conference on Plasma Physics and Controlled Fusion, March 2024)

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The review is given of the most interesting new results presented at the LI International Zvenigorod Conference on Plasma Physics and Controlled Fusion, which was held in Zvenigorod, Moscow region, on March 18–22, 2024. The basic achievements in the field of plasma physics in Russia are analyzed and compared with the results of foreign scientific research.

Keywords: plasma physics, nuclear fusion, plasma and beam technologies, international project ITER, conference, results.

REFERENCES

1. Proceedings of the LI International Zvenigorod Conference on Plasma Physics and Controlled Fusion, Zvenigorod, Russia, March 18–22, 2024. ISBN 978-5-6042115-1-9 (Published by PLAZMAIOFAN Co Ltd., 2024) [in Russian].
2. http://www.fpl.gpi.ru/Zvenigorod/LI/Zven_LI.html