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AI for Science: towards a roadmap and strategy for the CNRS and IN2P3

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Machine learning has been an integral part of scientific research for several decades. However, the rapid expansion of generative artificial intelligence (AI) in all fields in recent years has placed AI at the center of strategic discussions at both the national and international levels. Among the six interdisciplinary challenges identified by the CNRS, one focuses specifically on the role of generative AI in science. Throughout the past year, exchanges have been conducted within all scientific disciplines, leading to the preparation of a roadmap for the development of a platform dedicated to generative AI in scientific research. At the same time, IN2P3 recognized the maturity of the field and initiated the elaboration of its own institutional strategy for AI. These two initiatives will require collective discussion within our community to ensure their success. In this presentation, I will discuss these efforts and their implications for the perspectives of AI in the field of physics.

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