Artificial Intelligence and the Uncertainty challenge in Fundamental Physics



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Fair Universe HiggsML Uncertainty Challenge: Lessons Learned and plans

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The first FAIR Universe public challenge, FAIR Universe: HiggsML Uncertainty Challenge, will be launched before this workshop. A dedicated hackathon within the workshop will refine the existing prototype, with the full version set for release in 2024. The intricacies of devising an efficient scoring method for uncertainty-aware techniques pose a challenge, and the current approach will be discussed during the workshop. This presentation will spotlight insights gained from diverse workshop activities and explore potential approaches for forthcoming iterations of the FAIR Universe challenge.

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