ICALEPCS 2025 - The 20th International Conference on Accelerator and Large Experimental Physics Control Systems

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Leveraging agile methodologies for efficient conference delivery: a case study from ICALEPCS 2023 Africa

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The ICALEPCS 2023 conference was a milestone event as the first to take place on the African continent. With intricate interdependencies, aggressive timelines, distributed authors and organizers, and high-stakes expectations, the Local Organizing Committee (LOC) borrowed the agile delivery model inspiration from Scrum and Kanban practices. This paper demonstrates the rigorous application of agile artifacts including stand-ups, and retrospectives to manage parallel work streams such as program curation, sponsor outreach, and venue coordination. A digital task board ensured real-time visibility and flow control, while continuous integration of stakeholder inputs informed adaptive planning. The agile process enabled the LOC to improve cross-functional coordination, mitigate risks early on, and produce high-value outcomes incrementally. This paper will demonstrate how agile practices can be applied reliably to large-scale technical event planning and offers a reusable model for the delivery of subsequent conferences in distributed and dynamic environments.

Footnotes

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