ML4Jets Panel Discussion

"ML connections between industry and HEP"

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Suggested Topics for Discussion

- common problems that HEP and industry face?

- what are some of the barriers to communication between industry and HEP?

- how can ML developed by HEP can be useful for industry?

- different types of anomaly detection, in HEP and in industry

- uncertainty quantification

- the role of simulations, domain shift, transfer learning

- AI fairness / ethics

- career paths for people trained in ML4HEP

- what role can foundational models play in HEP?

- what do you see as some of the current ML/AI trends in industry and in HEP?