



CONFIRMATION OF PARTICIPATION

Berlin, October 14, 2023

Aditya Parikh

has participated in:

AutoML- **Automated Machine Learning**



Content

- In Hyperparameter Optimization, the hyperparameter settings of a given machine learning algorithm are optimized to achieve great performance on a given dataset
- In Neural Architecture Search, the architecture of a neural network is tuned for its predictive performance (or in addition inference time or model size) on a given dataset
- As AutoML optimizers, approaches such as Bayesian optimization, evolutionary algorithms, multifidelity optimization and gradient-based optimization are discussed
- Via Dynamic and Meta-Learning, useful meta strategies for speeding up the learning itself for AutoM are learned across datasets

By accessing at least 50% of the content in this learning opportunity, the prerequisites for receiving the confirmation are fulfilled.



Florian Rampelt
(Managing Director, AI Campus)