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Call for Abstracts, MLconf 2020

NEW YORK, NY, June 30, 2020 – MLconf gathers machine learning & AI enthusiasts from a range of industries and academic backgrounds to share new tools, platforms, algorithms and methods with a broad audience of practitioners. Each presentation offers an educational component to be shared with the community, in which specific algorithms and techniques can be discussed.

MLconf has had to adjust to recent conditions from COVID-19 and our popular in-person events are on hold for the time being. However, we intend to gather the community around machine learning topics through webinars, online conferences, training series, podcasts and more, all to better engage and serve the MLconf community going forward. We will be hosting an online conference in November, MLconf Online, which will remain quite similar to our in-person events in format and theme. We are calling for presentations for our upcoming online conference.

In your abstract, we encourage you to mention where you feel your techniques will transfer over into other Machine Learning applications, showing where it's relevant to the MLconf audience. In the spirit of sharing knowledge, presentation slides are shared with attendees and photographs and/or video footage of presentations are shared as well.

- Algorithms that have graduated from an academic/theory state and have proven to be effective, robust and scalable in production within industry application
- Machine Learning/AI examples of specific challenges faced within current industry and how teams have found success by applying new algorithms and techniques or by applying modifications to existing practices for optimal outcomes
- New platforms, tools for machine learning. Emphasis should be given to the technical challenges, benchmarks and motivation for the development, not a product pitch.
- New business practices for managing and growing data science teams
- Expanding machine learning to new domains.
- Abstracts should be 150-500 words in length and should illustrate the level of technicality in the proposed presentation.

Topics we are looking for:

- Natural Language Processing
- Deep Learning
- Reinforcement Learning

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- Data Science for Social Good
- Kernel Methods
- Causality
- Embeddings
- Recommendation Systems
- Quantum Computing and AI/ML
- Chemistry & AI/ML
- Pandemic Data & ML
- Model Interpretability
- Fraud Detection
- DeepFake Detection
- Generative Teaching Networks
- Facial Recognition/Biometric Identification
- Genetics & ML
- Experimental Reproducibility Best Practices
- Model Uncertainty and Data Drift
- Generative Adversarial Networks
- Transfer Learning
- Adversarial Machine Learning
- IoT and edge computing applications
- Genetic Algorithms
- Tensor Algebra
- Probabilistic Programming and Logic
- Machine Learning for Music and Art
- Bayesian Methods
- Markov Logic Networks
- Synthetic Art, Biology
- Ethics in Machine Learning
- Data / Algorithm Ethics
- Sketching Randomized Algorithms
- AI Education
- Game Theory
- Diversity in AI
- Community Detection
- Time Series

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- Image Analysis
- Structured Learning using Neural Networks

Abstract Submission Deadline: 11:59 pm, 7/31/2020.

Submit your abstract [here](#).