



EXPLORERS

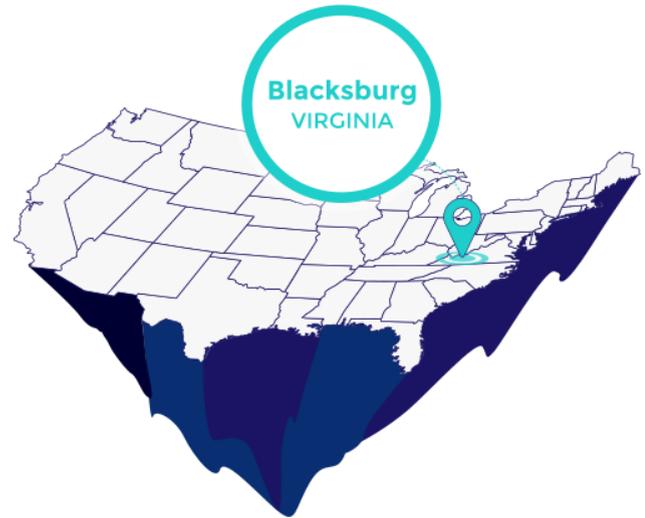
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READY FOR:



OPEN IDEAS



x1 CHALLENGE

Researchers

Innovators

**3 / 6
months**

A NGI initiative



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 825183.

Partners





CHALLENGE #13 - VT-ML-01

→ Real-World Machine Learning

GOALS

The goal of this challenge is to design distributed machine learning algorithms that can be implemented over real-world wireless networks such as 5G systems.

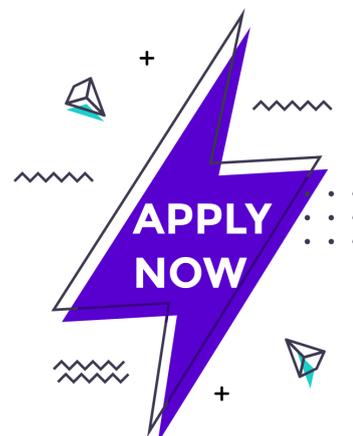
DETAILS

The use of artificial intelligence (AI) and machine learning is seen as a pillar of the evolution towards a new generation of wireless cellular systems. In this challenge, the goal is to develop a new breed of machine learning algorithms that can be implemented in a distributed manner over the edge of a wireless 5G system. The challenge involves designing real-world machine learning algorithms to address important wireless networking problems that range from network optimization to resource management. In particular, analyzing scalability, implementation, and efficiency of such algorithms in large-scale wireless systems will be a key part of this challenge.

SKILLS REQUIRED

Researchers with background in wireless networking, machine learning, and adjunct areas such as wireless networks are most suited for this position. In particular, researchers having strong fundamental background in analytical design of large-scale systems are encouraged to apply.

Researchers	
Innovators	
Artificial Intelligence	Blockchain
Big Data	Internet of Things
5G	Cybersecurity
Cloud/Edge Computing	Interactive Technology
Future Hyper-connectivity	Human-centric Internet



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