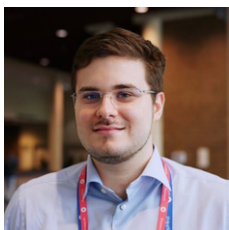


Introducing  
our speakers

# UK Computing Summit 2025: Navigating change (surviving and beyond)

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Session: Fireside chat



## Petar Veličković

Senior Research Scientist

Google DeepMind

Find Petar on LinkedIn [here](#)

Petar is a Senior Staff Research Scientist at Google DeepMind, Affiliated Lecturer at the University of Cambridge, and an Associate of Clare Hall, Cambridge. He holds a PhD in Computer Science from the University of Cambridge (Trinity College), obtained under the supervision of Pietro Liò. His research concerns aligning neural networks to (classical) computation, to assess and improve their out-of-distribution generalisation ability. In particular, he focusses on neural algorithmic reasoning, graph representation learning and categorical and geometric deep learning. He is recognised as an ELLIS Scholar in the Geometric Deep Learning Program. He is the first author of Graph Attention Networks—a popular convolutional layer for graphs—and Deep Graph Infomax—a popular self-supervised learning pipeline for graphs. My research has been used in substantially improving travel-time predictions in Google Maps, guiding intuition of mathematicians towards new top-tier theorems and conjectures, the first full AI system for tactical suggestions in association football, and the first AI-assisted top-percentile result in competitive programming.