Contribution ID: **11**   Type: **Invited talk**

Machine Learning for Applications in Condensed Matter Physics Research

Friday 21 March 2025 11:35 (20 minutes)

How can you use a machine learning model in your research? This talk will outline when and where a model is most useful in materials science, how it's created with different methods, and some of the advantages and disadvantages of each. I will also discuss my own research on phase change materials and its machine learning model as a more in-depth example.

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Session Classification: Invited talks