Contribution ID: **5**   Type: **not specified**

Maths-to-code: domain-specific compiler architecture

Monday 24 March 2025 11:10 (35 minutes)

This talk is not about quantum computing, nor physics: it's about software tools that generate code from the maths. I want to show you some examples of what is possible. The big idea is to capture an abstract model of the computation that makes hard optimisations easy. My aim is to seed conversations about how to do this for the applications at this workshop.

Author: Prof. KELLY, Paul (Imperial College London)

Presenter: Prof. KELLY, Paul (Imperial College London)

Session Classification: Invited Speakers and Contributions