Contribution ID: **69**   Type: **Speaker**

Mathematical Optimization for Material Science

Friday 10 October 2025 11:45 (15 minutes)

In this talk we will highlight some recent research highlights in
mathematical optimization with applications to material science.
Topics range from free material optimization for the design of
optimal macroscopic material properties to shape optimization
approaches for the microscale design of meta materials with desired macroscopic properties.

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