

## **Invited Session**

### **Recent Advances in Large-Scale Nonlinear Optimization**

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#### **Abstract**

With the growing utilization of powerful modeling languages and the increasing sophistication of optimization users, general-purpose optimization software is being applied to problems that are larger and harder than ever before. We briefly review the state-of-the-art of optimization methods and discuss some challenges posed by the need to solve problems that are discretized versions of some underlying continuous problem.