**Title:**

Population-based Search for Multimodal Optimization

**Abstract**

The past two decades have witnessed the emerging needs of solving, particularly using computational approaches, hard optimization problems that affect our daily life. Most of these hard problems are multimodal ones and sometimes with non-differentiable objective functions. Population-based heuristic search is one of the leading approaches that can address such problems. This talk will first illustrate some multimodal optimization problems. Then, recent progresses on population-based search methods will be presented with successful applications.

个人简介：

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