

The M&M of Optimization: Modeling and Methods

Dr. Sven Leyffer

MCS, ANL

Bldg. 401, rm B2100

Friday, February 24, 1:30pm

Host: L. Emery, AOD

Optimization is the art of finding maxima or minima of functions subject to constraints. This talk surveys the state-of-the-art in optimization. We will describe modeling paradigms such as integer variables, complementarity constraints, and PDE constraints, and review current solution approaches and outstanding challenges. The talk is aimed at a general scientific audience and will describe some of the work carried out by the optimization group at Argonne.

For more information visit

<http://www.aps.anl.gov/asd/physics/Seminars.html>

Visitors from off-site please contact Chun-xi Wang
(wangcx@aps.anl.gov, 630-252-4968) to arrange for a gate pass.

This ANL seminar series is a CARA activity and focuses on the physics, technology and applications of particle and photon beams. It is sponsored jointly by the ASD Division, the AWA group of the HEP Division, and the ATLAS group of the PHY Division.