Stephen Boyd
Stanford University

April 18·19·20
4:30–5:30pm

▶ **Lectures 1 & 2:** Rm. 2-190
Reception: 4pm, Rm. 2-290

▶ **Lecture 3:** Rm. E15-070 (Bartos Theatre)
Reception: 4pm, Rm. E15-00LA (Lower Atrium)

Applied Convex Optimization

Lecture 1
Convex Optimization

Lecture 2
Object Oriented Convex
Optimization with CVXPY

Lecture 3
Multi-Period Trading
via Convex Optimization

MIT DEPARTMENT OF MATHEMATICS

SIMONS LECTURES IN MATHEMATICS 2018

Sylvia Serfaty
New York University

April 23·24·25
4:30–5:30pm

▶ **Lectures:** Rm. 2-190

Reception: 4pm, Rm. 2-290

Systems with Coulomb Interactions

Lecture 1
Motivations and Main Results

Lecture 2
Statistical Mechanics and
Microscopic Description of
Large Coulomb Systems

Lecture 3
Mean-Field Dynamics
for Ginzburg-Landau Vortices
and Related Models

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