Summer school
Semidefinite Optimization

RWTH Aachen
September 3-September 7, 2012

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45		MAX CUT (A)	Independent sets and colorings (C)	Approx. and complexity 1 (D)	Approx. and complexity 2 (D)
10:00-10:45		Algorithms (F)	Polynomial optimization 2 (M)	Geometric covering problems (A)	Polynomial optimization 3 (M)
11:00-11:45		Polynomial optimization 1 (M)	Symmetries in SDP (C)	Geometric packing problems (F)	Approx. and complexity 3 (D)
13:30-14:15	Introduction (F)	Exercises: MAX CUT, polynomial optimization (A, M)		Exercises: Geometric packing problems (F)	
14:30-15:15	Conic optimization (C)	Exercises (ctd)		Exercises (ctd)	
16:15-17:00	Exercises: Eigenvalue optimization (C)	Exercises (ctd)		Exercises (ctd)	
17:15-18:00	Exercises (ctd)	Exercises (ctd)		Exercises (ctd)	
21:00-22:30	Exercises (ctd)	Exercises (ctd)	student presentations	Exercises (ctd)	

Lecture notes and more: https://sites.google.com/site/mastermathsdp/