Lecture plan

Ann-Brith Strömberg   lp1 2010
Michael Patriksson   August 26, 2010

TMA521/MMA510 Project course: Optimization

Week	day	date	hours	activ.	staff	Contents
LV1 35	wed	1/9	10–12	Lec 1	A(M)	introduction, simple/ difficult problems, intro project 1
	fri	3/9	10–12	Lec 2	A	facility location, overview decomposition, intro network design
LV2 36	mon	6/9	10–12	Lec 3	M	Lagrangean relaxation
	wed	8/9	10–12	Lec 4	M	Lagrangean relaxation
	fri	10/9	10–12	Lec 5	M	Lagrangean relaxation
LV3 37	mon	13/9	10–12	Lec 6	A	Disc. network design/ Lagrangean relaxation
	wed	15/9	10–12	Lec 7	A	Column generation
	fri	17/9	10–12	Lec 8	M	Column generation
LV4 38	mon	20/9	10–12	Lec 9	M	Optimality conditions
	mon	20/9		Deadl.		Program, project 1
	wed	22/9	10–12	Lec 10	A	Benders decomposition
	thu	23/9		Deadl.		Report, project 1, distr to opponents
	fri	24/9	10–12	Lec 11	K	Intro, project 2
LV5 39	mon	27/9	10–12	Lec 12	AW	Maintenance models
	wed	29/9	10–12	Pres 13	stud	Presentation project 1, including oppositions
	fri	1/10	10–12	Pres 14	stud	Presentation project 1, including oppositions
LV6 40	mon	4/10				
	wed	6/10		Deadl.		Preliminary report of project 2 to opponents
	fri	8/10				
LV7 41	mon	11/10		Deadl.		Final report project 2, distr to opponents
	wed	13/10	10–12	Pres 15	stud	Presentation project 2, including oppositions
	wed	13/10	13–15	Pres 16	stud	Presentation project 2, including oppositions

A = Ann-Brith Strömberg, M = Michael Patriksson, K = Karin Thörnblad,
AW = Adam Wojciechowski, Lecture room: MVF23