



universität  
wien

**POM**  
PRODUCTION  
& OPERATIONS  
MANAGEMENT

# QEM: Management Science part POM

Introduction

# Preliminary Program

Date	Topic
02.03.2015	Intro, Location Problems
09.03.2015	Configuration: Assembly line balancing
16.03.2015	Transportation problems, Aggregate planning
23.03.2015	PPS, MPS
13.04.2015	MRP, lotsizing
20.04.2015	Production control, scheduling
27.04.2015	Exam

# Decision Levels

- Strategic issues: long run, top management, poor data, highly stochastic (e.g. which markets, location, etc.)
- Tactical issues: medium run, build up infrastructure, intermediate management, better data, less stochastic (e.g. configuration, capacity expansion, ...)
- Operational issues: short run, use infrastructure efficiently, lower management, detailed data available, little stochastics (e.g. production program, MRP, lot-sizing, scheduling, ...)