

# Mathematics of Operations Research

LNMB PhD and MSc courses 2011/2012

## PhD Courses

### 1st Trimester

Stochastic Models for  
Telecommunication Systems  
*Prof.dr. M.R.H. Mandjes (UvA)*  
*Prof.dr. R.D. van der Mei (CWI, VU)*

Randomized Algorithms <sup>a</sup>  
*Dr. R.A. Sitters (VU)*  
*Prof.dr. L. Stougie (VU)*

Combinatorial Optimization 2a <sup>a</sup>  
*Prof.dr. G.J. Woeginger (TU/e)*

September 12 - November 7

<sup>a</sup>In cooperation with DIAMANT

### 2nd Trimester

Combinatorial Optimization 2b <sup>a</sup>  
*Dr. F. Vallentin (TUD)*

Noncooperative Games  
*Dr. F. Thuijsman (UM)*

Markov Decision Processes  
*Dr. S. Bhulai (VU)*  
*Prof.dr. R. Núñez Queija (UvA)*

November 14 - December 12 &  
January 23 - February 13

<sup>a</sup>In cooperation with DIAMANT

### 3rd Trimester

Operations Research  
and Health Care  
*Dr.ir. E.W. Hans (UT)*  
*Prof.dr. J.J. van de Klundert (EUR)*

Advanced Queueing Theory  
*Prof.dr.ir. S.C. Borst (TU/e)*  
*Prof.dr.ir. O.J. Boxma (TU/e)*

OR Games  
*Prof.dr. P.E.M. Borm (UvT)*  
*Prof.dr. H.J.M. Hamers (UvT)*

February 20 - April 2 &  
April 16 and 23

## Master Courses

### Fall 2011

Introduction to Stochastic Processes <sup>a</sup>  
*Dr. N. Litvak (UT)*  
*Dr.ir. W.R.W. Scheinhardt (UT)*

Continuous Optimization <sup>b</sup>  
*Dr. G.J. Still (UT)*

Discrete Optimization <sup>b</sup>  
*Prof.dr. G. Schäfer (CWI, VU)*

Heuristic Methods in Operations Research <sup>b</sup>  
*Prof.dr. J.L. Hurink (UT)*  
*Dr.ir. J.M.J. Schutten (UT)*

<sup>a</sup>September 5, 6, 12 and 13 (each day 2 sessions)

<sup>b</sup>September 19 - December 5

### Spring 2012

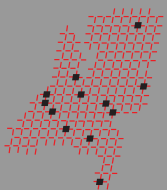
Advanced Linear Programming <sup>a</sup>  
*Prof.dr. L. Stougie (VU)*  
*Dr.ir. J.M. van den Akker (UU)*

Scheduling  
*Dr. T. Vredeveld (UM)*

Queueing Theory  
*Prof.dr.ir. I.J.B.F. Adan (TU/e)*  
*Dr. J.A.C. Resing (TU/e)*

February 6 - April 2, April 16, 23 en May 7

<sup>a</sup>In cooperation with DIAMANT



Dutch Network on the  
Mathematics of  
Operations Research (LNMB)

For more information see our website: [www.lnmb.nl](http://www.lnmb.nl)

Location: University of Utrecht, De Uithof  
Day: Monday  
Course director: Prof.dr. J.L. Hurink  
Email: [lnmb@ewi.utwente.nl](mailto:lnmb@ewi.utwente.nl)