

# Table of Contents

## Invited Paper

Meta-heuristics: The State of the Art .....	1
<i>Stefan Voß</i>	

## Combinatorial Optimization

Solving the Sports League Scheduling Problem with Tabu Search .....	24
<i>Jean-Philippe Hamiez, Jin-Kao Hao</i>	
Lagrange Multipliers for Local Search on Planning Graphs .....	37
<i>Alfonso Gerevini, Ivan Serina</i>	

## Planning with Resources

Beyond the Plan-Length Criterion .....	55
<i>Alexander Nareyek</i>	
An Empirical Evaluation of the Effectiveness of Local Search for Replanning .....	79
<i>Steve Chien, Russell Knight, Gregg Rabideau</i>	
Board-Laying Techniques Improve Local Search in Mixed Planning and Scheduling .....	95
<i>Russell Knight, Gregg Rabideau, Steve Chien</i>	
Empirical Evaluation of Local Search Methods for Adapting Planning Policies in a Stochastic Environment .....	108
<i>Barbara Engelhardt, Steve Chien</i>	

## Related Approaches

The GRT Planner: New Results .....	120
<i>Ioannis Refanidis, Ioannis Vlahavas</i>	
Incremental Local Search for Planning Problems .....	139
<i>Eva Onaindia, Laura Sebastia, Eliseo Marzal</i>	
Map Drawing Based on a Resource-Constrained Search for a Navigation System .....	158
<i>Hironori Hiraishi, Fumio Mizoguchi</i>	

Author Index .....	171
--------------------	-----

Local Search for Planning and Scheduling  
ECAI 2000 Workshop, Berlin, Germany, August 21,  
2000. Revised Papers  
Nareyek, A. (Ed.)  
2001, VIII, 176 p., Softcover  
ISBN: 978-3-540-42898-5