

Talks and Presentations of Prof. Dr. Stefan Nickel

1. "Healthcare Logistics", Forte die Bard/Italy, invited talk (2014).
2. "Logistikoptimierung in der Klinik", eHealth-Forum Freiburg (2014).
3. "How to publish in COR – Ask the editor" Zinal/Switzerland, invited talks (2012).
4. "Operations Research in Health Care Logistics" Istanbul/Turkey, invited talk (2012).
5. "A multi-stage stochastic supply network design problem with financial decisions and risk management" Tagung Coral, Benicassim Castelón, invited talks (2012).
6. "Hub and Spoke Network Design with Single-assignment, Capacity Decisions and Balancing Requirements", INFORMS, Charlotte, North Carolina/USA (2011).
7. "Standortprobleme für agile Logistiknetzwerke – Modelle und Algorithmen", Arbeitskreis Netz in Nürnberg, invited talk, (2011).
8. "Mathematical Models for Territory Design and Extensions", Kuwait University, Keynote speech (2011).
9. "Location Problems in Supply Chain Management", Koc University and Sabanci University Istanbul, invited talks (2011).
10. "A Multi-stage Stochastic Supply Chain Network Design Problem with Financial Decisions and Risk", INFORMS Austin (2010).
11. "Location Problems in Supply Chain Management", Spring School HEC Montreal, invited talk (2010).
12. "Multiperiod Location Problems for Supply Network Planning", Dagstuhl Seminar Grand Challenges for Discrete Event Logistics Systems, invited talk (2010).
13. "Home Health Care – Models and Algorithms", INFORMS San Diego (2009).
14. "Location Problems in Agricultural Supply Chains", EURO Summer Institute Lleida, invited talk (2009).
15. "Mathematical Methods in Supply Chain Management", Universidad de Sevilla, invited talk (2009).
16. "Krankenhauslogistik"- Die andere Gesundheitsreform", Ruhr-Universität Bochum, invited talk (2009).
17. "Supply Chain Management and Territory Design", Madrid Universidad Rey Juan Carlos, invited talk (2009).
18. "A Territory Design Problem Arising in the Context of the WEEE-Directive", Erasmus Universität Rotterdam/The Netherlands, invited talk (2008).
19. "WEEE and Max Dispersion Territory Design Problems", INFORMS 2008, Washington DC/USA (2008).
20. "Location Planning using Geographic and Demographic Data", Operations Research 2008, Augsburg/Germany (2008).

21. "Discrete Ordered Median Problems: Models, Solution Techniques and Extensions", Saint-Maxime La Baume/France, invited talk (2008).
22. "Location Planning using Geographic and Demographic Data", ISOLDE XI, Santa Barbara, California/USA (2008).
23. "The Maximal Dispersion Territory Design Problem", IWOR, Madrid/Spain (2008).
24. "Location Problems in Supply Chain Management", 13o Congresso da APDIO, Universidade de Trás-os-Montes e Alto Douro, Vila Real/Portugal, plenary talk (2008).
25. "Hospital Logistics", Ecole des Mines, Nantes/France, invited talk (2008).
26. "Territory Design Problems", Universität Valencia, Valencia/Spain, invited talk (2007).
27. "Location Problems in Supply Chain Management", Universität Politècnica de Catalunya (UPC), Barcelona/Spain, invited talk (2007).
28. "Planning Patient Transports in Hospitals: Theory and Practice", Conference „OR in Health Care", University of Twente/The Netherlands, plenary talk (2007).
29. "Location Problems in Supply Chain Management", Symposium "Optimierung logistischer Systeme – Verfahren und Erfahrungen", Dortmund/Germany, plenary talk (2007).
30. "Process Improvements in Hospitals – Clinical Pathways and Appointment Planning", INFORMS 2007, Seattle/USA (2007).
31. "Patient Transports in Hospitals", 33rd International Conference on Operational Research Applied to Health Services (ORAHS), St. Etienne/France (2007).
32. "Clinical Pathways and Appointment Planning", 22nd European Conference on Operational Research (EURO), Prag/Czech Republic (2007).
33. "Ordered Median Problems", III European-Latin-American Workshop on Engineering Systems SELASI, Talca/Chile, plenary talk (2007).
34. "Real World Location Problems", Universidad de Chile, Santiago/Chile, invited talk (2007).
35. "Krankenhauslogistik – Klinische Pfade und Terminplanung", ifab-Workshop „Erfolgsfaktor Arbeitszeit im Krankenhaus, Karlsruhe/Germany, invited talk (2007).
36. "Location Problems in Supply Chain Management", EURO Winter Institute on Location and Logistics, Estoril/Portugal, invited talk (2007).
37. "The "Ordered Median Location Problem: A Unified Tool for Location Analysis", SELASI III 2007, Curicó/Chile (2007).
38. "A Tabu Search Based Heuristic for Dynamic dial-a-ride problems arising in in-house hospital transportation, EURO XXI, Reykjavic/Island (2006).
39. "MCDM Location Problems", SELASI 2006, Porto/ Portugal (2006).
40. "Territory Design Problems", CORAL 2006, Teneriffa/Spain (2006).
41. "Process Improvements in Hospital", OR 2006, Karlsruhe/Germany (2006).

42. "Planning Patient Transports in Hospitals", Universidad de Murcia, invited talk, Murcia/Spain (2006).
43. "Patient Transportation in Hospitals" ,Spring School on Vehicle Routing 2006, Montreal/Canada (2006).
44. "A New Geometric Approach to Territory Design Problems", CORS 2006, Montreal/Canada (2006).
45. "Planning Patient Transports in Hospitals", UPC Barcelona/Spain, invited talk (2005).
46. "Planning Patient Transports in Hospitals: Theory and Practice" SELASI 2005, Trujillo/Peru (2005).
47. "The Ordered Median Problem – A Unified Approach to Location Theory", ISOLDE X, Sevilla/Spain (2005).
48. "Logistikmanagement: Effizienzsteigerung durch moderne Planungsverfahren", 3. Unternehmertag an der Universität des Saarlandes, Saarbrücken/Germany (2005).
49. "New Solution Strategies for Flexible Discrete Location Models" OR 2005, Bremen/Germany (2005).
50. "Territory Design: Algorithms and GIS-Integration", SEIO 2004, Cadiz/Spain, plenary talk (2004).
51. "Planning Patient Transports in Hospitals: Theory and Practice", OR 2004, Tilburg/The Netherlands (2004).
52. "Dynamic Multi-Commodity Capacitated Facility Location", Mathematics of the Supply Chain, Oberwolfach/Germany, invited talk (2004).
53. "Planning Patient Transports in Hospitals: Insights and a Project Report", OR 2003, Heidelberg/Germany (2003).
54. "Real World Location Problems", ORP3 Lambrecht/Germany, invited talk (2003).
55. "Territory Planning in Geo Marketing", EURO/INFORMS, Istanbul/Turkey (2003).
56. "Dynamic Multi-Commodity Capacitated Location: A Mathematical Modeling Framework for Strategic Supply Chain Planning", EURO/INFORMS, Istanbul/Turkey (2003).
57. "Simulation and Optimierung zur Planung and Steuerung von Kommissioniersystemen", VDI-Seminar über Optimierte Kommissioniersysteme, Karlsruhe/Germany, invited talk (2003).
58. "Presentation of the ITWM", McGill University, Montreal/Canada, invited talk (2003).
59. "Real World Location Problems", University of Florida, Gainesville/USA, invited talk (2003).
60. "New Results for Discrete Ordered Median Problems", ISOLDE IX, Fredericton/Canada (2002).
61. "Solution Techniques for Discrete Ordered Median Problems", ECCO 2002, Lugano/Switzerland (2002).

62. "Simulation and Optimierung zur Planung and Steuerung von Kommissioniersystemen", VDI-Seminar über Optimierte Kommissioniersysteme, Stuttgart/Germany, invited talk (2002).
63. "Recent Developments on Ordered Median Problems", Mathematical Methods in Logistics, Oberwolfach/Germany (2001).
64. "Locational Decisions in Supply Chain Management", INFORMS 2001, Miami/USA (2001).
65. "Strategic Decisions in Supply Chain Management", OR2001, Duisburg/Germany (2001).
66. "A Dynamic Two-Echelon Capacitated Location Problem with Inventory", ECCO 2001, Bonn/Germany (2001).
67. "Reformulations for Discrete Ordered Weber Problems", 12th meeting of the European Working Group on Locational Analysis, Barcelona/ Spain (2000).
68. "Mathematical Methods of Logistics", Universidad Nacional de Trujillo/ Peru, invited talk (2000).
69. "A Unified Approach to Location Problems", DMV 2000, Dresden/Germany (2000).
70. "Discrete Ordered Weber Problems", Symposium on Operations Research (OR 2000), Dresden/Germany (2000).
71. "Discrete and Network Ordered Weber Problems", 17th International Symposium on Mathematical Programming, Atlanta/USA (2000).
72. "Strategic Network Design", SAP-Workshop im Rahmen des Supply Chain Institute, Wiesloch/Germany, invited talk (2000).
73. "Simulation and Online-Optimierung von komplexen Kommissioniersystemen", VDI-Seminar über Optimierte Kommissioniersysteme, Stuttgart/Germany, invited talk (2000).
74. "Finite Dominating Sets for Generalized Network Location Problems", Symposium on Operations Research (SOR 99), Magdeburg/Germany (1999).
75. "New Results on Ordered Weber Problems", Université Louvain-la-Neuve/Belgium, invited talk (1999).
76. "Approximative Solutions of Location Problems", ISOLDE VIII, Coimbra/Estoril/Portugal (1999).
77. "Ordered Weber Problems", International Conference on Optimization (SIGOPT 99), Trier/Germany (1999).
78. "Flexible Objective Functions for Location Problems", invited talk, ULB Brussels/Belgium, (1998).
79. "Locating a Robust Facility", International Conference on Operations Research (OR'98), Zürich/Switzerland (1998).
80. "Ordered Weber Problems- - A Flexible Approach to Model Location Problems", 4th International Symposium on Quantitative Methods (SQM-4), Chios/Greece, invited talk, (1998).

81. "Sandwich Approximation for Location Problems", 10th meeting of the European Working Group on Locational Analysis, Murcia/Spain (1998).
82. "LOLA - A Toolkit for Solving Location Problems", invited talk, University Sevilla/Spain (1997).
83. "Pareto Locations on Networks", Symposium on Operations Research (SOR 97), Jena/Germany (1997).
84. "Sandwich Approximation for Restricted Location Problems", 16th International Symposium on Mathematical Programming, Lausanne, Switzerland (1997).
85. "Locational Planning and Computational Geometry" and "Multi-Kriterielle Standortplanung auf Netzwerken", DFG Colloquium, Bonn/Germany (1997).
86. "Ordered Weber Problems", Workshop über Standortplanung: Fachbereich Mathematik, Universität Kaiserslautern/Germany (1997).
87. "The Software Package LOLA and its Adaption to Application-oriented Location Problems", DFG Kolloquium, Schloss Dagstuhl/Germany (1996).
88. "Weber's Problem with Attraction and Repulsion under Polyhedral Gauges", ISOLDE VII, Edmonton/Jasper, Alberta/Canada, (1996).
89. "Über die Anzahl von Kriterien die nötig sind um über Pareto-Optimalität zu entscheiden", invited talk, Fachbereich Mathematik, Universität Dortmund/Germany (1996).
90. "Overcoming Problems of Convex Analysis by Means of Computational Geometry", Symposium on Computational Geometry and Location Theory, University Sevilla/Spain, (1996).
91. "On the Number of Criteria Needed to Decide Pareto Optimality with an Application to Location Theory", invited talk, Fachbereich Mathematik, University Sevilla/Spain, (1996).
92. "Discretization of Location Problems", invited talk, University Cadiz/Spain, (1996).
93. "Introduction to Location Problems", invited talk, Faculty of Economics, University Sevilla/Spain, (1996).
94. "A Reduction Result for Convex Vector Optimization Problems and its application to Location Problems", invited talk, Université Libre de Bruxelles/Belgium, (1995).
95. "Location Problems With Multiple Criteria Under Polyhedral Gauges", Eight Meeting of the EURO Working Group on Locational Analysis, Lambrecht, (1995).
96. "A Reduction Result for Convex Vector Optimization Problems", Symposium on Operations Research, Passau/Germany (1995).
97. "Restricted Center Problems under Polyhedral Gauges", Twelfth EURO Summer Institute on Locational Analysis, Puerto de La Cruz, Teneriffa/Spain, (1995).
98. "Restricted Weber Problems under Polyhedral Gauges", invited talk, Optimization Days 1995, Montreal/Canada, (1995).
99. "Multicriterial and Restricted Location Problems with Polyhedral Gauges", International Conference on Operations Research OR'94, (1994).

100. "Bicriteria and Restricted Planar 2-Median Problems.", Seventh Meeting of the EURO Working Group on Locational Analysis, Brussels/ Belgium, (1994).
101. "Restricted and Bicriteria 2-Facility Location Problems", 18th Symposium on Operations Research, Universität zu Köln/Germany, (1993).
102. "Efficient Algorithms for Bicriterial (restricted) Planar Median Location Problems", ISOLDE VI, University of the Aegean, Greece, (1993).
103. "Restriktive Standortprobleme.", Studentenkonzferenz Mathematik '92, Berlin/Germany, invited talk, (1992).