Record Nr. UNINA9910784903303321 Autore Visser Arnoud Titolo Measurement-driven simulation of complex engineering systems [[electronic resource] /] / Arnoud Visser [Amsterdam], : Amsterdam University Press, 2007 Pubbl/distr/stampa **ISBN** 90-485-0199-7 Descrizione fisica 1 online resource (151 p.) Collana UvA Proefschriften 372.53 Disciplina Systems engineering - Simulation methods Soggetti Congestion pricing - Mathematical models History Political science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references. Nota di contenuto Contents: 1. Introduction: 2. Complex Systems: 3. Application: 4. Modeling Methodology; 5. Calibration of the Traffic Model; 6. Modeling of Dedicated Short Range Communication; 7. An Architecture for a Virtual Traffic Laboratory; 8. Discussion; 9.. Conclusion; Epilogue; Summary; Samenvatting; Bibliography; Author's publications; Project's deliverables; Acknowledgments Sommario/riassunto The steadily increasing amount of traffic in the vicinity of their economical centers imposes great difficulties for most western countries. To reduce this steady increase, road pricing has proven to be an effective countermeasure. It has been introduced in different countries throughout the world, forcing people to consider alternative means of traveling. Since, for such measures to be effective, human behavior and social structures are deeply influenced, emotional political discussions have arisen. Considering the importance of such social

changes as well as the complexity of techniques invo