

1. Record Nr.	UNINA9910300142803321
Titolo	Pedestrian and Evacuation Dynamics 2012 // edited by Ulrich Weidmann, Uwe Kirsch, Michael Schreckenberg
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-02447-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (1380 p.)
Disciplina	003.3
Soggetti	Computer mathematics Applied mathematics Engineering mathematics Civil engineering Numerical analysis Computer simulation Operations research Decision making Computational Science and Engineering Mathematical and Computational Engineering Civil Engineering Numeric Computing Simulation and Modeling Operations Research/Decision Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"6th International Conference on Pedestrian and Evacuation Dynamics" --Preface.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Preface -- Keynotes -- Experiment and Evacuation.-Simulation and Modeling -- Psychology -- Miscellaneous.
Sommario/riassunto	The 6th International Conference on Pedestrian and Evacuation Dynamics conference (PED2012) showcased research on human locomotion. This book presents the proceedings of PED2012. Humans have walked for eons; our drive to settle the globe began with a walk out of Africa. However, much remains to discover. As the world moves

toward sustainability while racing to assess and accommodate climate change, research must provide insight on the physical requirements of walking, the dynamics of pedestrians on the move and more. We must understand, predict and simulate pedestrian behaviour, to avoid dangerous situations, to plan for emergencies, and not least, to make walking more attractive and enjoyable. PED2012 offered 70 presentations and keynotes and 70 poster presentations covering new and improved mathematical models, describing new insights on pedestrian behaviour in normal and emergency cases and presenting research based on sensors and advanced observation methods. These papers offer a starting point for innovative new research, building a strong foundation for the next conference and for future research.
