Contents

1	MOI	buity Practices and Mobile Phone Data	1		
	1.1	How and Why Should We Interpret Mobile			
		Practices in the Contemporary City	2		
	1.2	The Challenges for Analytical Tools	7		
	Refe	erences	9		
2	Mobile Phone Data to Describe Urban Practices:				
	An	Overview in the Literature	13		
	2.1	About Mobile Phone Data	16		
	2.2	The Social Positioning Method and Its Possible			
		Applications	18		
	2.3	Mobile Phone Measures and Population Distribution			
		in Cities	20		
	2.4	The Classification of Urban Spaces According			
		to Mobile Phone Uses	21		
	Refe	erences	24		
3	Dail	y Mobility Practices Through Mobile Phone Data:			
	An.	Application in Lombardy Region	27		
	3.1	Methodology: Operational Impacts of Three Types			
		of Mobile Phone Data	28		
	3.2	Erlang Data: Densities of Use of the City in the Milan			
		Urban Region	32		
		3.2.1 The Macro Scale: Assessing Correlation			
		Between Population Presence and Erlang Values	34		
		3.2.2 The Macro Scale: Treelet Decomposition			
		of Erlang Trends	36		
		3.2.3 The Micro Scale Analysis and Its Relevance	41		
		3.2.4 An International Event Transforming the Use			
		of the City: The Milan International Design Week	49		

	3.3	Aggregated Tracks of Mobile Phone Users: The Experiential	
		Dimensions of Commuting Rhythms	54
	3.4	MSC: Monitoring Visitors and Tourists Through Mobile	
		Phone Data	62
		3.4.1 Foreigners' Trends and Evidence	65
		3.4.2 Monitoring Visitors During a Big Event	67
	Refe	erences	69
4	Imp	lications for Traditional Data Sources	71
	Refe	erences	76
5	Imp	lications for Urban and Mobility Policy	77
	Refe	erences	82
Αı	uthor	Index	85
St	ıbject	Index	89