1.	Record Nr.	UNINA9910370258603321
	Titolo	The Multi-Agent Programming Contest 2018 : Agents Teaming Up in an Urban Environment / / edited by Tobias Ahlbrecht, Jürgen Dix, Niklas Fiekas
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-37959-0
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (VII, 145 p. 31 illus., 21 illus. in color.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 11957
	Disciplina	006.3
	Soggetti	Artificial intelligence
		Computer communication systems
		Special purpose computers
		Application software
		Coding theory
		Information theory
		Software engineering
		Artificial Intelligence
		Computer Communication Networks
		Special Purpose and Application-Based Systems
		Information Systems Applications (incl. Internet)
		Coding and Information Theory
		Software Engineering/Programming and Operating Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	The Contest -- The Multi-Agent Programming Contest 2018 - A third time in the city -- The Teams -- task-oriented architecture with priority queue for BDI agents applied to the Multi Agent Programming Contest scenario -- Multi-Agent Programming Contest 2018 - The Jason-DTU Team -- SMART-JaCaMo: an Organisation-Based Team for the Multi-Agent Programming Contest -- Distributed Decision-Making based on Shared Knowledge in the Multi-Agent Programming Contest -- ROS Hybrid Behaviour Planner: Behaviour Hierarchies and Self-

Organisation in the Multi-Agent Programming Contest.

Sommario/riassunto	This book constitutes the 13th edition of the annual Multi-Agent Programming Contest, MAPC 2018, and presents its participants. The 2018 scenario and all its changes from previous competitions are described in the first contribution, together with a brief description and analysis of the five participating teams and a closer look at the matches. It is followed by a contribution from each team, introducing their methods and tools used to create their agent team and analyzing their performance and the contest.