

1. Record Nr.	UNINA9910412267303321
Autore	Medvidovic Nenad
Titolo	Proceedings of the 2nd International Workshop on Establishing a Community-Wide Infrastructure for Architecture-Based Software Engineering / / Nenad Medvidovic [and six others]
Pubbl/distr/stampa	Piscataway, NJ, USA : , : IEEE Press, , 2019
Descrizione fisica	1 online resource
Disciplina	005.1
Soggetti	Software engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>It is our great pleasure to welcome you to the Second International Workshop on Establishing the Community-Wide Infrastructure for Architecture-Based Software Engineering, ECASE-2019, held at ICSE-2019 on 28 May 2019 in Montreal, Canada. We are very pleased that the workshop will also be held at the International Conference on Software Engineering, for the second time. Its first edition at ICSE 2017 has shown that there is great interest in the area in the software engineering community. Software architecture plays an important role in facilitating the maintenance of a software system. Over the past two decades, software engineering research has yielded many different tools and techniques for understanding and maintaining the architectures of large, complex software systems. However, empirical research and technology transfer are impeded by myriad disjoint research and development environments, lack of a shared infrastructure, high initial costs associated with developing robust tools, and a lack of datasets needed to conduct empirical research in this domain. This workshop brings together researchers and practitioners from two areas---software architecture and empirical software engineering---to explore the issues and identify plausible solutions to move the field forward. The objective of this workshop is to collaboratively develop the requirements, design, and propose a foundation for the construction of potential infrastructures and</p>

instruments that would support empirical research in the domain of
architecture based software development and maintenance.
