

**Montresor, Alberto; Meling, Hein; Babaoğlu, Özalp**

**Toward self-organizing, self-repairing and resilient distributed systems.** (English)

[Zbl 1018.68764](#)

Schipper, André (ed.) et al., Future directions in distributed computing. Research and position papers. Berlin: Springer. Lect. Notes Comput. Sci. 2584, 119-123 (2003).

Summary: As access to networked applications become omnipresent through PC's, hand-held and wireless devices, an increasing number of interactions in our day-to-day life with significant economical, social and cultural consequences depend on the reliability, availability and security of distributed systems. Not surprisingly, the increased demand that is being placed by users on networked services can only be met by distributed infrastructures with greater complexity and larger scale. And the extreme dynamism that is often present in different forms in modern systems further aggravates our ability to reason formally about their behavior.

For the entire collection see [\[Zbl 1015.68681\]](#).

**MSC:**

[68U99](#) Computing methodologies and applications

[68M14](#) Distributed systems

Cited in **1** Document

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