

Ambient Intelligence

Third International Joint Conference, Aml 2012, Pisa, Italy, November 13-15, 2012, Proceedings

This book constitutes the refereed proceedings of the third International Joint Conference on Ambient Intelligence, Aml 2012, held in Pisa, Italy, in November 2012. The 18 revised full papers and 5 short papers presented were carefully reviewed and selected from 47 (full papers) respectively 14 (short papers) submissions. From a scientific point of view, the papers make a multidisciplinary approach covering fields like computer science, human computer interaction, electrical engineering, industrial design, behavioral sciences, aimed at enriching physical environments with a network of distributed devices, such as sensors, actuators, and computational resources, in order to support users in their everyday activities. From a technological perspective the volume represents the convergence of recent achievements in ubiquitous and communication technologies, pervasive computing, intelligent user interfaces and artificial intelligence.

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53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783642348976

Medium: Buch

ISBN: 978-3-642-34897-6

Verlag: Springer

Erscheinungstermin: 18.10.2012

Sprache(n): Englisch

Auflage: 2012

Serie: Lecture Notes in Computer Science

Produktform: Kartoniert

Gewicht: 721 g

Seiten: 461

Format (B x H): 155 x 235 mm

