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Sommario/riassunto

This volume contains the proceedings of the eleventh International
Conference on Intelligent Autonomous Systems (IAS-11) at the
University of Ottawa in Canada. As ever, the purpose of the IAS
conference is to bring together leading international researchers with
an interest in all aspects of the autonomy and adaptivity of artificial
systems. This year the conference reflects in particular a current trend:
the symbiotic interaction of humans with intelligent systems. Of the 35
papers submitted for this year's conference, 25 have been accepted for
presentation. These papers cover a wide spectrum of research in
autonomous intelligent systems including interactive systems, learning,
perception, localization and mapping, navigation planning and
distributed systems. This proceedings includes all the accepted papers
and reflects the wide variety of topics of current concern to all those
involved in the use, research and development of intelligent
autonomous systems.