

Ubiquitous Intelligence and Computing: building smart environment in real
and cyber space

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Abstract

Ubiquitous Intelligence and Computing (UIC) is emerging rapidly as an exciting new paradigm including technologies of pervasive computing, wireless communication and ambient intelligence to provide computing and communication services any time and anywhere. It usually refers to the creation and deployment of computing technology in such a way that it becomes an invisible part of the fabric of everyday life and commerce. As ubiquitous computing presents a new trend of information and communication technologies for connecting cyber and physical domains, in such era, computers in the traditional sense gradually fade from view. Namely, information and communication mediated by computers is available anywhere and anytime through devices that are embedded in our environment, completely inter-connected, intuitive, effortlessly portable and constantly available.

Keyword : Ubiquitous Intelligence