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Internet of Things and M2M Communications

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The Internet of Things is the emerging technology which interconnects smart objects using wireless communications. After having been extensively studied in academic labs, the Internet of Things is now widely applied in the industrial world (e.g. domestic automation, smart metering, smart cities).

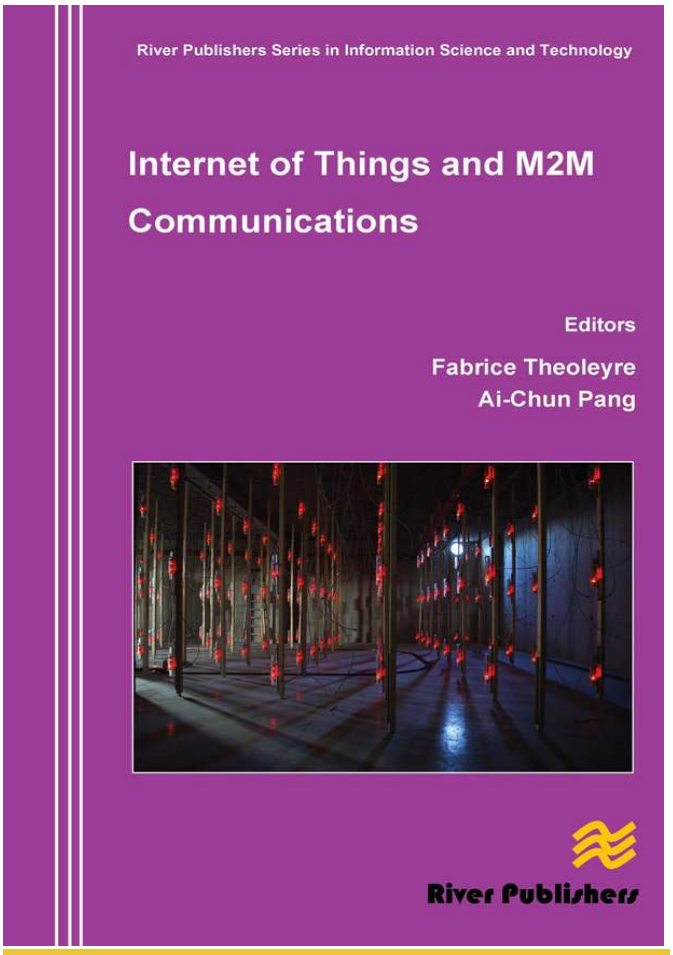
Internet of Things and M2M Communications presents the key concepts used in the Internet of Things. In particular, Machine to Machine (M2M) communications have to be energy efficient so that all the smart objects may operate for years on a single battery. Besides, whilst constructing an efficient global digital world combining personal/private and external/general data, security and privacy issues have also to be covered adequately.

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