The Mediterranean Conference on Information & Communication Technologies (MedICT 2015) was held at the wonderful Moroccan Blue Pearl city of Saidia, Morocco during May 7–9, 2015. MedICT is a Mediterranean premier networking forum for leading researchers in the highly active fields of information and communication technologies. The general theme of this edition is Information and communication technologies for sustainable development of Mediterranean countries.

MedICT provides an excellent international forum to the researchers and practitioners from both academia as well as industry to meet and share cutting-edge development. The conference has also a special focus on enabling technologies for societal challenges, and seeks to address multidisciplinary challenges in information and communication technologies such as health, demographic change, well-being, security, and sustainability issues.

The proceedings publish high-quality papers which are closely related to the various theories, as well as emerging and practical applications of particular interest to the ICT community.

This volume provides a compact yet broad view of recent developments in the data, systems, services and education, and covers exciting research areas in the field including control systems, software engineering, data mining and big data, ICT for education and support activities, networking, cloud computing and security, ICT-based services and applications, mobile agent systems, software engineering, data mining and big data, online experimentation and artificial intelligence in education, networking, cloud computing and security, ICT-based education and services, ICT challenges and applications, advances in ICT modeling and design, and ICT developments and recent progress.

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