Preface

The world's population is rapidly urbanizing. By 2005, the worlds population had increased to 6.5 billion, with about 50% living in cities. By 2025, UN projections show that the world population is expected to exceed 9 billion with roughly 75% expected to live in cities. This rapid urbanization is continuing to put tremendous pressure on traditional urban infrastructures, such as roads, water, and energy, and on societal institutions. This urbanization challenges require new approaches that will transform modern cities to comfortable, economically successful, and environmentally responsible habitats.

We are also seeing a rapid rise in the connection and usage of billions of low-end and affordable smart devices to the Internet, i.e. the Internet of Things, and witnessing the expansion of the Web into more areas of our personal lives. These trends make possible a new generation of smart city applications and services, with new smart city applications emerging as more data from different sources (e.g. from utility services, transport services, environmental data, and from social sensing) become available. These smart city data are large in volume, multi-modal, vary in quality, formats, and representation forms. These data need to be processed, aggregated, and higher-level abstractions need to be created from these data to make them suitable for the event processing and, knowledge extraction methods that enable intelligent applications and services for smart city platforms. Semantic Web technologies and Linked Data together with data analytics solutions play a key role in providing inter-operability, association analysis, information and knowledge extractions, and reasoning about trust, privacy, provenance, and security in smart city frameworks.

It is within this context that the Fifth Workshop on Semantics for Smarter Cities was held. It was held as a Workshop at the Thirteenth International Semantic Web Conference at Riva del Garda, Italy in 19th October 2014. This volume of proceedings contains the accepted posters and papers presented at the workshop.

We would like to take this opportunity to thank all the workshop authors for their contributions to the ISWC 2014 programme. We would also like to thank the members of the workshop's Program Committee for their time and work. Finally, we would like to thank the organizers of ISWC 2014 for providing the opportunity for Smart City practitioners to present currennt work in this fast moving area.

October, 2014
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