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Disciplina	004
Soggetti	Artificial intelligence Application software Computer communication systems User interfaces (Computer systems) Software engineering Computers and civilization Artificial Intelligence Information Systems Applications (incl. Internet) Computer Communication Networks User Interfaces and Human Computer Interaction Software Engineering Computers and Society
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	A survey on mobile sensing based mood-fatigue detection for drivers -- Straight From The Horse's Mouth: "I am an Electric Vehicle User, I am a Risk Taker -- Automated Pedestrians Data Collection using Computer Vision -- Optimizing Network Coverage in Radio Self Organizing Networks by M/L based Beam Tilt Algorithm -- Understanding Intercity Freeway Traffic Variability at Holidays Using Anonymous Cell Phone Data -- Privacy-Enhanced Android for Smart Cities Applications --

Towards Smart City Implementations in Sub-Saharan Africa - The Case of Public Transportation in Ouagadougou -- Connecting Digital Cities: Return of Experience on the Development of a Data Platform for Multimodal Journey Planning -- Development of Route Accessibility Index to support Wayfinding for People with Disabilities -- Simulating Adaptive, Personalized, Multi-modal Mobility in Smart Cities -- Feature-Based Room-Level Localization of Unmodified Smartphones -- Design and Implementation of a Remotely Configurable and Manageable Well-being Study -- A Novel Wayfinding Service for Empowering Physical Activity -- An Overview of Smart Grids in the GCC Region -- Smart Grid for Smart City Activities in the California City of Riverside -- Power Consumption Scheduling for Future Connected Smart Homes Using Bi-Level Cost-Wise Optimization Approach -- Wind Resource Assessment of the Metropolitan Area of Barcelona -- User Behavior Modeling for Estimating Residential Energy Consumption -- Secure Management and Processing of Metered Data in the Cloud -- A Secure Cloud Architecture for Data Generated in the Energy Sector -- Network-Aware QoS Routing for Smart Grids Using Software Defined Networks -- Self-healing Restoration of Smart Microgrids in Islanded Mode of Operation -- Transportation Big Data Simulation Platform for the Greater Toronto Area (GTA) -- Appliance Water Disaggregation via Non-Intrusive Load Monitoring (NILM) -- Seismic source modeling by clustering earthquakes and predicting earthquake magnitudes -- Restaurant Sales and Customer Demand Forecasting: Literature Survey and Categorization of Methods -- Knowledge management in the marketing mix of small food businesses -- Some Reflections on the Determinants of ICT Usage -- Social Media Communication: Re-creating the Context of Social Gaming -- The Requirements to Develop a Competency Model for the Position of a Team Leader in Industrial Enterprises in Slovakia -- Traffic Signs in Urban Logistics with the Use of RFID Technology -- Informatization of Rail Freight Wagon By Implementation of the RFID Technology -- Generative Green Building Design, Computational Analysis of the Ecological Algorithm -- Using the Means-Ends Approach to Understand the Value of Sustainability on the Property Market -- Being smart in project management -- Economic and social effects of urbanization - case study analysis -- Renewal of buildings as an instrument to achieve economic and environmental efficiency -- Involvement of Smart Cities Citizens to Global Cooperation in Research and Education in Space -Architectural and Urban Conditions -- Knowledge of University Knowledge Workers -- Issues of Hazardous Materials Transport and Possibilities of Safety Measures in the Concept of Smart Cities -- Changes in the Demographic Structure of the Central City in the Light of the Suburbanization Process -- Bratislava towards achieving the concept of Smart City: inspirations from Smart City Vienna -- Urban Safety as Spatial Quality in Smart Cities -- Energy-efficient buildings in Slovakia: Green Atrium -- Influence of Urban Renewal on the Assessment of Housing Market in the Context of Sustainable Socioeconomic City Development -- Using Visual Lane Detection to Control Steering in a Self-Driving Vehicle -- Environmental management as part of a socially responsible behavior in the Volkswagen Group.

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## Sommario/riassunto

This volume constitutes the thoroughly refereed post-conference proceedings of the First EAI International Summit, Smart City 360°, held in Bratislava, Slovakia and Toronto, ON, Canada, in October 2015. The 77 carefully reviewed papers include eight conferences: The Bratislava program covered the Conference on Sustainable Solutions beyond Mobility of Goods (SustainableMoG 2015), the MOBIDANUBE conference which strengthens research in the field of mobility opportunities and

within Danube strategy, and the conference on Social Innovation and Community Aspects of Smart Cities (SmartCityCom 2015). In parallel the SmartCity360 Toronto included five conferences addressing urban mobility (SUMS), sustainable cities (S2CT), smart grids (SGSC), wearable devices for health and wellbeing (SWIT Health), and big data (BigDASC).

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