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   Nota di contenuto   Energy Based Limits on Computing Capacity and on Human Computing
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                       - Towards Urban Vehicular Networking -- Performance Evaluation of
                       Fairness between High-Speed TCPs in Wireless Environment.
                       - Evaluation of SIP Call Setup Delay for VoIP in IMS.- MPLS-TP: OAM
                       Discovery Mechanism.- Supporting Data Center Management through
                       Clustering of System Data Streams -- Extension of Path Computation
                       Element (PCE) Framework for Resource Provisioning Based on User

Profile in Dynamic Circuit Network.- Traffic Engineering Approaches in P2P Environments.- On Selective Placement for Uniform Cache Objects.- Loss Probability and Delay of Finite-Buffer Queues with Discrete ON-OFF Markovian Arrivals and Geometric Service Times.- Improve Prefetch Performance by Splitting the Cache Replacement Queue.- CO2Laser Writing of Long-Period Fiber Gratings in Polarization-Maintaining Fiber under Tension.- SAVI - A Model for Video Workload Generation Based on Scene Length.- UNIVERSALLY: A Context-Aware Architecture for Multimedia Access in Digital Homes.- A User-Centric Network Architecture for Sustainable Rural Areas.- A Relative Delay Measurement Method for Wideband Array with LFM Waveform.- Signal Detection Based on Maximum-Minimum Eigenvalue in Rician Fading Channel.- Collective Intelligence Based Place Recommendation System.- Providing Reliability for Transactional Mobile Agents.- On the Security of Lv et al.'s Three-Party Authenticated Key Exchange Protocol Using One-Time Key.- Mechanisms to Locate Non-cooperative Transmitters in Wireless Networks.- Mantle: A Novel DOSN Leveraging Free Storage and Local Software.- Descriptional Entropy: Application to Security Software Analysis.- Adaptative Delay Aware Data Gathering Strategy for Wireless Sensor Networks.- Overcoming the Deficiencies of Collaborative Detection ofSpatially-Correlated Events in WSN.- A Low-Complexity and High-Performance Beamforming Scheme for mmWave WPAN systems.- Energy Efficient Aggregation in Wireless Sensor Networks.- Energy Optimization of Mesh Access Networks.- Predictive Sink Mobility for Target Tracking in Sensor Networks.- Backhaul Topology Design and Weighted Max-Min Fair Capacity Allocation in Wireless Mesh Networks.- A Double Data Rate, Low Complexity 2 x 2 MIMO Scheme Based on a Combination of Alamouti System and Orthogonal Codes.- GeoSUZ: A Geocast Routing Protocol in Sub-ZORs for VANETs.- Adaptive Contention Window for Zone-Based Dissemination of Vehicular Traffic.- Highway Preventive Congestion Control through Input Regulation in Vehicular Networks.

Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 5th International Conference on Advanced Infocomm Technology, ICAIT 2012, held in Paris, France, July 2012. The 32 revised full papers presented together with 4 invited talks were carefully selected from 97 submissions. The papers are organized in topical sections on fixed mobile convergence and emerging networks technologies, performance and quality of service, fiber technologies and multimedia processing, communication softwares and services, security, sensor technologies and wireless systems, energy-aware networks and power management, and mobile ad-hoc, mesh and vehicular networks.