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	Nota di contenuto	Web Application Design -- Construction of Adaptive Web-Applications from Reusable Components -- The WebConsultant - A Flexible Framework for Dynamic Web Applications -- Security of Electronic Business Applications: Structure and Quantification -- Intellectual Property Rights -- Towards a secure and de-centralized digital

watermarking infrastructure for the protection of intellectual property -- Selling Bits: A Matter of Creating Consumer Value -- A Secure Electronic Software Distribution (ESD) Protocol based on PKC -- Security and Fairness -- An Equitably Fair On-line Auction Scheme -- An Optimistic Fair Exchange E-commerce Protocol with Automated Dispute Resolution -- Secure PC-Franking for Everyone -- Distributed Organisations -- Contracts for Cross-Organizational Workflow Management -- AllianceNet: Information Sharing, Negotiation and Decision-Making for Distributed Organizations -- MIERA: Method for Inter-Enterprise Role-Based Authorization -- Web Usage Analysis -- Visualization and Analysis of Clickstream Data of Online Stores with a Parallel Coordinate System -- A Heuristic to Capture Longer User Web Navigation Patterns -- Integrating Web Usage and Content Mining for More Effective Personalization -- Extending Content-Based Recommendation by Order-Matching and Cross-Matching Methods -- Invited Talk -- Global and Local in Electronic Commerce -- Modelling of Web Applications -- Object-Oriented Conceptual Modeling of Web Application Interfaces: the OO-HMethod Abstract Presentation Model -- Representing Web Data as Complex Objects -- Applying the Resource Description Framework to Web Engineering -- EC Success Factors -- E-commerce Site Evaluation: a Case Study -- Loyalty Program Scheme for Anonymous Payment Systems -- OpenSource in Electronic Commerce — A Comparative Analysis -- EC Markets -- Electronic OTC Trading in the German Wholesale Electricity Market -- On the Competition between ECNs, Stock Markets and Market Makers -- Internet Advertising: Market Structure and New Pricing Methods -- XML -- Dynamic-Agents, Workflow and XML for E-Commerce Automation -- Towards a Foundation for XML Document Databases -- An XML/XSL-based Software Architecture for Application Service Providers (ASPs) -- Web Mining -- A Search Engine for Indian Languages -- Metadata Based Web Mining for Topic-Specific Information Gathering -- Advanced Studies on Link Proposals and Knowledge Retrieval of Hypertexts with CBR -- Electronic Negotiation -- Virtual Tendering and Bidding in the Construction Sector -- Using Genetic Algorithms to Enable Automated Auctions -- Integrity and Performance -- Keeping a Very Large Website Up-to-date: Some Feasibility Results -- LRU-based algorithms for Web Cache Replacement -- A Step towards a Suite of E-commerce Benchmarks -- Facilitating EC -- A Business Model for Charging and Accounting of Internet Services -- Facilitating Business-to-Business Electronic Commerce for Small and Medium-Sized Enterprises -- Next Generation Business-to-Business E-Commerce -- Mobile E-Commerce -- Security issues in Mobile eCommerce -- Mobile Electronic Commerce: Emerging Issues.

Sommario/riassunto	This volume includes the papers accepted for the First International Conference on Electronic Commerce and Web Technologies, which was held in Greenwich, UK, on September 4-6, 2000. The conference is the first of a series of planned conferences on these topics with the goal to bring together researchers from academia, practitioners and commercial developers from industry, and users to assess current methodologies and explore new ideas in e-commerce and web technology. The conference attracted 120 papers from all over the world and each paper was reviewed by at least three program committee members for its merit. The program committee finally selected 42 papers for presentation and inclusion in these conference proceedings. The conference program consisted of 14 technical sessions and two invited talks spread over three days. The regular sessions covered topics such as web application design, intellectual

property rights, security and fairness, distributed organizations, web usage analysis, modelling of web applications, electronic commerce success factors, electronic markets, XML, web mining, electronic negotiation, integrity and performance, facilitating electronic commerce, and mobile electronic commerce. There were two invited addresses at the conference. The first was by Anthony Finkelstein, University College London, UK on "A Foolish Consistency: Technical Challenges in Consistency Management". This was a common address to the DEXA, the DaWaK and the EC-Web attendees. The second talk was by Paul Timmers, European Commission, Information Technologies Directorate on "The Role of Technology for the e-Economy".