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Nota di contenuto	<p>Intro -- Preface -- Acknowledgements -- Contents -- Acronyms -- 1</p> <p>Introduction -- 1.1 The Era of Internet of Things -- 1.2 Connectivity in IoT -- 1.3 Edge Computing in IoT -- 1.4 AI in IoT -- 1.5 Scope and Organization of This Book -- References -- 2 Industrial Internet of Things: Smart Factory -- 2.1 Industrial IoT Networks -- 2.2 Connectivity Requirements of Smart Factory -- 2.2.1 Application-Specific Requirements -- 2.2.2 Related Standards -- 2.2.3 Potential Non-Link-Layer Solutions -- 2.2.4 Link-Layer Solutions: Recent Research Efforts -- 2.3 Protocol Design for Smart Factory -- 2.3.1 Networking Scenario -- 2.3.2 Mini-Slot Based Carrier Sensing (MsCS) -- 2.3.3 Synchronization Sensing (SyncCS) -- 2.3.4 Differentiated Assignment Cycles -- 2.3.5 Superimposed Mini-slot Assignment (SMsA) -- 2.3.6 Downlink Control -- 2.4 Performance Analysis -- 2.4.1 Delay Performance with No Buffer -- 2.4.2 Delay Performance with Buffer -- 2.4.3 Slot Idle Probability -- 2.4.4 Impact of SyncCS -- 2.4.5 Impact of SMsA -- 2.5 Scheduling and AI-Assisted Protocol Parameter Selection -- 2.5.1 Background -- 2.5.2 The Considered Scheduling Problem -- 2.5.3 Device Assignment -- 2.5.4 AI-Assisted Protocol Parameter Selection -- 2.6 Numerical Results -- 2.6.1 Mini-Slot Delay with MsCS, SyncCS, and SMsA -- 2.6.2 Performance of the Device Assignment Algorithms -- 2.6.3 DNN-Assisted Scheduling -- 2.7 Summary -- References -- 3 UAV-Assisted Edge Computing: Rural IoT</p>

Applications -- 3.1 Background on UAV-Assisted Edge Computing -- 3.2 Connectivity Requirements of UAV-Assisted MEC for Rural IoT -- 3.2.1 Network Constraints -- 3.2.2 State-of-the-Art Solutions -- 3.3 Multi-Resource Allocation for UAV-Assisted Edge Computing -- 3.3.1 Network Model -- 3.3.2 Communication Model -- 3.3.3 Computing Model -- 3.3.4 Energy Consumption Model -- 3.3.5 Problem Formulation. 3.3.6 Optimization Algorithm for UAV-Assisted Edge Computing -- 3.3.7 Proactive Trajectory Design Based on Spatial Distribution Estimation -- 3.4 Numerical Results -- 3.5 Summary -- References -- 4 Collaborative Computing for Internet of Vehicles -- 4.1 Background on Internet of Vehicles -- 4.2 Connectivity Challenges for MEC -- 4.2.1 Server Selection for Computing Offloading -- 4.2.2 Service Migration -- 4.2.3 Cooperative Computing -- 4.3 Computing Task Partition and Scheduling for Edge Computing -- 4.3.1 Collaborative Edge Computing Framework -- 4.3.2 Service Delay -- 4.3.3 Service Failure Penalty -- 4.3.4 Problem Formulation -- 4.3.5 Task Partition and Scheduling -- 4.4 AI-Assisted Collaborative Computing Approach -- 4.5 Performance Evaluation -- 4.5.1 Task Partition and Scheduling Algorithm -- 4.5.2 AI-Based Collaborative Computing Approach -- 4.6 Summary -- References -- 5 Edge-Assisted Mobile VR -- 5.1 Background on Mobile Virtual Reality -- 5.2 Caching and Computing Requirements of Mobile VR -- 5.2.1 Mobile VR Video Formats -- 5.2.2 Edge Caching for Mobile VR -- 5.2.3 Edge Computing for Mobile VR -- 5.3 Mobile VR Video Caching and Delivery Model -- 5.3.1 Network Model -- 5.3.2 Content Distribution Model -- 5.3.3 Content Popularity Model -- 5.3.4 Research Objective -- 5.4 Content Caching for Mobile VR -- 5.4.1 Adaptive Field-of-View Video Chunks -- 5.4.1.1 Extended FoV -- 5.4.1.2 Content Types -- 5.4.1.3 Rules for Content Distribution -- 5.4.2 Content Placement on an Edge Cache -- 5.4.3 Placement Scheme for Video Chunks in a VS -- 5.4.4 Placement Scheme for Video Chunks of Multiple VSs -- 5.4.5 Numerical Results -- 5.5 AI-Assisted Mobile VR Video Delivery -- 5.5.1 Content Distribution -- 5.5.2 Intelligent Content Distribution Framework -- 5.5.3 WI-based Delivery Scheduling -- 5.5.4 Reinforcement Learning Assisted Content Distribution. 5.5.5 Neural Network Structure -- 5.5.6 Numerical Results -- 5.6 Summary -- References -- 6 Conclusions -- 6.1 Summary of the Research -- 6.2 Discussion of Future Directions -- Index.

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Autore	Rubio Julie Hanlon
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Nota di contenuto	Introduction: Why be concerned with the ordinary? -- Resources from the Catholic tradition. A Catholic theological understanding of marriage. Cultural understandings of marriage ; Liturgy : the personal and social dimensions of Christian marriage ; Scripture and the social import of family life ; Marriage as sacrament : beyond relationship to communion ; Conclusion : Family as primary Christian community -- Between the personal and the political : families as agents of social change. Early documents and movements : 1891-1931 ; Early American Episcopal documents and Catholic Action Groups : 1919-1965 ; Contemporary reflections : changing hearts and structures ; Conclusion : Families and social change -- Grace, sin, and holy families. The limits of a theology of ideals ; O'Connor's gift to theology ; Seeing : acknowledging the importance and difficulty of faith ; Sin and finitude ; Grace, sin, and finitude in Christian marriage ; Sin, grace, and solidarity ; Conclusion : Beginning with imperfection, moving toward solidarity -- Practices. Practicing sexual fidelity. Why practices? ; Sexual ethics : moving beyond controversy ; Sex, fidelity, and infidelity : the situation ; Sex as practice : seeking the good ; Conclusion : From intimacy to community -- The practice of eating : love, justice, and eating. Family meals in the twenty-first century ; Eucharist : communion and calling ; Eating with/as sinners : practicing mercy at the table ; Love and justice

at the table : practices within a practice ; Conclusion : The priority of mercy -- How much is enough? The practice of tithing. Are we rich yet? ; Foundations : Hebrew and Christian Scriptures ; Christian tradition on wealth and charity ; Application : tithing in a contemporary Christian context ; Conclusion : Why tithing matters -- Serving : re-imagining a central practice of middle-class family life. Contemporary Catholic family life : a rough sketch ; Pre-Vatican II American parishes ; The changing shape of parish life ; Reshaping parish life to support Christian families ; Service as family practice ; Conclusion : Community, practice, and service -- Family prayer as practice of resistance. Prayer : beyond platitudes ; A brief history of Christian thought on parental religious duties ; Interfaith families as models ; Praying as church in contemporary families ; Conclusion : Practices of resistance as ordinary morality.

Sommario/riassunto

How can ordinary Christians find moral guidance for the mundane dilemmas they confront in their daily lives? To answer this question, Julie Hanlon Rubio brings together a rich Catholic theology of marriage and a strong commitment to social justice to focus on the place where the ethics of ordinary life are played out: the family. Sex, money, eating, spirituality, and service. According to Rubio, all are areas for practical application of an ethics of the family. In each area, intentional practices can function as acts of resistance to a cultural and middle-class conformity that promotes materialism.
