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Titolo	Enforcing Reformation in Ireland and Scotland, 1550-1700 [[electronic resource] /] / edited by Elizabethanne Boran and Crawford Gribben
Pubbl/distr/stampa	Aldershot, Hants, England ; ; Burlington, VT, : Ashgate, c2006
ISBN	1-317-14347-7 1-317-14346-9 1-281-09769-1 9786611097691 0-7546-8223-4
Descrizione fisica	1 online resource (277 p.)
Collana	St. Andrews studies in Reformation history
Altri autori (Persone)	BoranElizabethanne GribbenCrawford
Disciplina	274.11/06
Soggetti	Reformation - Ireland Reformation - Scotland Electronic books. Ireland Church history Scotland Church history
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Contents; Acknowledgements; Abbreviations; Notes on Contributors; Introduction; 1 Sir Henry Sidney and the Reformation in Ireland; 2 Printing in Early Seventeenth-Century Dublin: Combating Heresy in Serpentine Times; 3 The Problem of 'Scottish Puritanism', 1590-1638; 4 'Force and Fear of Punishment': Protestants and Religious Coercion in Ireland, 1603-33; 5 The Covenanters and the Scottish Parliament, 1639-51: The Rule of the Godly and the 'Second Scottish Reformation'; 6 Robert Leighton, Edinburgh Theology and the Collapse of the Presbyterian Consensus 7 Godly Order: Enforcing Peace in the Irish Reformation8 Enforcing the Reformation in Ireland, 1660-1704; 9 Conformity and Security in Scotland and Ireland, 1660-85; Index
Sommario/riassunto	Adopting an international perspective, the essays in this volume look at

	the motives, methods and impact of enforcing the Protestant Reformation in Ireland and Scotland. The volume offers a fascinating insight into how the political authorities in Scotland and Ireland attempted, with varying degrees of success, to impose Protestantism on their countries. By comparing the two situations and placing them in the wider international picture, our understanding of European confessionalization is further enhanced.

2. Record Nr. UNINA9910831083303321

Titolo	Deep space optical communications [[electronic resource] /] / edited by Hamid Hemmati
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2006
ISBN	1-280-44999-3 9786610449996 0-470-04241-9 0-470-04240-0
Descrizione fisica	1 online resource (735 p.)
Collana	Deep-space communications and navigation series
Altri autori (Persone)	HemmatiHamid <1954->
Disciplina	629.47/43 629.4743
Soggetti	Astronautics - Optical communication systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Deep Space Optical Communications; Table of Contents; Foreword; Preface; Acknowledgments; Contributors; Chapter 1 : Introduction; 1.1 Motivation for Increased Communications; 1.2 History of JPL Optical Communications Activities; 1.3 Component/Subsystem Technologies; 1.3.1 Laser Transmitters; 1.3.2 Spacecraft Telescopes; 1.3.3 Acquisition, Tracking, and Pointing; 1.3.4 Detectors; 1.3.5 Filters; 1.3.6 Error Correction Coding; 1.4 Flight Terminal Developments; 1.4.1 Optical Transceiver Package (OPTRANSPAC); 1.4.2 Optical Communications Demonstrator (OCD) 1.4.3 Lasercom Test and Evaluation Station (LTES)1.4.4 X2000 Flight

Terminal; 1.4.5 International Space Station Flight Terminal; 1.5 Reception System and Network Studies; 1.5.1 Ground Telescope Cost Model; 1.5.2 Deep Space Optical Reception Antenna (DSORA); 1.5.3 Deep Space Relay Satellite System (DSRSS) Studies; 1.5.4 Ground-Based Antenna Technology Study (GBATS); 1.5.5 Advanced Communications Benefits Study (ACBS); 1.5.6 Earth Orbit Optical Reception Terminal (EOORT) Study; 1.5.7 EOORT Hybrid Study; 1.5.8 Spherical Primary Ground Telescope
1.5.9 Space-Based versus Ground-Based Reception Trades1.6 Atmospheric Transmission; 1.7 Background Studies; 1.8 Analysis Tools; 1.9 System-Level Studies; 1.9.1 Venus Radar Mapping (VRM) Mission Study; 1.9.2 Synthetic Aperture Radar-C (SIR-C) Freeflyer; 1.9.3 ER-2 to Ground Study; 1.9.4 Thousand Astronomical Unit (TAU) Mission and Interstellar Mission Studies; 1.10 System-Level Demonstrations; 1.10.1 Galileo Optical Experiment (GOPEX); 1.10.2 Compensated Earth-Moon-Earth Retro-Reflector Laser Link (CEMERLL); 1.10.3 Ground/Orbiter Lasercomm Demonstration (GOLD)
1.10.4 Ground-Ground Demonstrations1.11 Other Telecommunication Functions; 1.11.1 Opto-Metric Navigation; 1.11.2 Light Science; 1.12 The Future; 1.12.1 Optical Communications Telescope Facility (OCTL); 1.12.2 Unmanned Arial Vehicle (UAV)-Ground Demonstration; 1.12.3 Adaptive Optics; 1.12.4 Optical Receiver and Dynamic Detector Array; 1.12.5 Alternate Ground-Reception Systems; 1.13 Mars Laser Communication Demonstration; 1.14 Summary of Following Chapters; References; Chapter 2: Link and System Design; 2.1 Overview of Deep-Space Lasercom Link; 2.2 Communications Link Design
2.2.1 Link Equation and Receive Signal Power2.2.2 Optical-Receiver Sensitivity; 2.2.2.1 Photon Detection Sensitivity; 2.2.2.2 Modulation Format; 2.2.2.3 Background Noise Control; 2.2.3 Link Design Trades; 2.2.3.1 Operating Wavelength; 2.2.3.2 Transmit Power and Size of Transmit and Receive Apertures; 2.2.3.3 Receiver Optical Bandwidth and Field of View versus Signal Throughput; 2.2.3.4 Modulation and Coding; 2.2.4 Communications Link Budget; 2.2.5 Link Availability Considerations; 2.2.5.1 Short-Term Data Outages; 2.2.5.2 Weather-Induced Outages; 2.2.5.3 Other Long-Term Outages
2.2.5.4 Critical-Mission-Phase Coverage

Sommario/riassunto

A quarter century of research into deep space and near Earth optical communicationsThis book captures a quarter century of research and development in deep space optical communications from the Jet Propulsion Laboratory (JPL). Additionally, it presents findings from other optical communications research groups from around the world for a full perspective. Readers are brought up to date with the latest developments in optical communications technology, as well as the state of the art in component and subsystem technologies, fundamental limitations, and approaches to develop and fully ex