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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Acknowledgments -- Preface -- Conference Purpose and Goals -- Part I: Space Debris -- Part Ia: Space Debris Removal and De-orbitation -- Part II: Space Safety Culture, Policy and Legal Challenges -- Part III: Safety by Design -- Part IV: Launch Safety -- Part V: Commercial Human Spaceflight Safety -- Part Va: Human Factor & Safety -- Part Vb: Human Spaceflight Safety -- Part VI: Space Traffic Management -- Part VII: Re-entry Safety -- Part VIII: Orbital Station and Extraterrestrial Habitat Safety. Part IX: Hazard Analysis and Risks Assessment -- Part X: Space Risks for Aviation -- Appendix A: List of Participants -- Appendix B: Photos.
Sommario/riassunto	The 7th IAASS Conference, "Space Safety is No Accident" is an invitation

to reflect and exchange information on a number of topics in space safety and sustainability of national and international interest. The conference is also a forum to promote mutual understanding, trust and the widest possible international cooperation in such matters. The once exclusive “club” of nations with autonomous sub-orbital and orbital space access capabilities is becoming crowded with fresh and ambitious new entrants. New commercial spaceports are starting operations and others are being built. In the manned spaceflight arena a commercial market is becoming a tangible reality with suborbital spaceflights and government use of commercial services for cargo and crew transportation to orbit. Besides the national ambitions in space, the international cooperation both civil and commercial is also gaining momentum. In the meantime robotic space exploration will accelerate and with it the need to internationally better regulate the usage of nuclear power sources. Space-bound systems and aviation traffic will share more and more a crowded airspace, while aviation will increasingly rely on space-based safety-critical services. Finally, most nations own nowadays space assets, mainly satellites of various kinds and purposes, which are under the constant threat of collision with other spacecraft and with the ever increasing number of space debris. Awareness is increasing internationally (as solemnly declared since decades in space treaties) that space is a mankind asset and that we all have the duty of caring for it. Without proactive and courageous international initiatives to organize space, we risk to negate access and use of space to future generations.
