

1. Record Nr.	UNINA9910339049403321
Autore	Jha A. R
Titolo	Superconductor Technology: Applications to Microwave, Electro-Optics, Electrical Machines, and Propulsion Systems
Pubbl/distr/stampa	[Place of publication not identified], : Wiley Interscience Imprint, 1998
ISBN	0-471-17775-X
Collana	Wiley series in microwave and optical engineering Superconductor technology
Disciplina	621.3/5
Soggetti	Superconductors - Materials Microwave devices - Materials Electrooptical devices - Materials Electric machinery - Equipment and supplies - Materials Electric propulsion Electrical & Computer Engineering Engineering & Applied Sciences Electrical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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2. Record Nr.	UNINA9910373930003321
Autore	Celli Silvia
Titolo	Gamma-ray and Neutrino Signatures of Galactic Cosmic-ray Accelerators / / by Silvia Celli
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-33124-5
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Descrizione fisica	1 online resource (264 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	523.01 539.7223
Soggetti	Astrophysics Astrophysics and Astroparticles
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Propagation and Radiation of Accelerated Particles In Super-Nova Remnants With Clumpy Structures -- Particle Escape From Supernova Remnants -- The Galactic Center Region -- Sensitivity studies for Gamma-Ray and Neutrino Telescopes -- Summary and Conclusions -- Appendix.
Sommario/riassunto	This book addresses three “hot” topics concerning the general problem of the origin of Galactic cosmic rays, namely (1) the acceleration, propagation, and radiation of particles in supernova remnants; (2) very high energy neutrinos from the Galactic Center; and (3) the potential held by the next-generation gamma-ray and neutrino detectors CTA and KM3NeT for studying extended non-thermal sources in the Galaxy. The topics are intrinsically connected to determining the nature (“hadronic or leptonic?”) of gamma-ray emissions from young and middle-aged supernova remnants and the search for cosmic-ray PeVatrons. The results and conclusions provided here are based on extensive analytical and numerical simulations, which are formulated and presented in a straightforward format that can be readily used in the interpretations of gamma-ray and neutrino observations, as well as for confident predictions for future measurements.

