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Large Scale Computing (P. Capiluppi); The World of Science
Science, Technology and Society (G. Giacomelli and R. Giacomelli)The
Universe: Today, Yesterday and Tomorrow (T. Regge); One Hundred
Years of Science (R. A. Carrigan, Jr.); Appendices; Summaries of the
Poster Sessions (Y. Becherini, Z. Sahnoun and A. Zakharov); List of
Participants

Sommario/riassunto

This comprehensive volume of articles from the seventh school on non-accelerator astroparticle physics presents a timely coverage of this interesting and rapidly expanding subject. The contributions enlarge and complement the earlier volumes prepared for the fourth, fifth and sixth schools. An informative, pedagogical approach has been maintained so that the book can serve as the basis for a modern course on the subject. The first section introduces the fundamentals of particle physics with a review of the standard model and beyond. The comprehensive section on neutrino physics and astrophysic
