



## Generation of Cosmological Large-Scale Structure Nato Science Series C Volume 503

By -

Springer. Paperback. Book Condition: New. Paperback. 317 pages. Dimensions: 9.4in. x 6.3in. x 0.8in. This volume is the proceedings of the third school in particle astrophysics that Schramm and Galeotti have organized at Erice. The focus of this third school was the Generation of Cosmological Large-Scale Structure. It was held in November of 1996. The first school in the series was on Gauge Theory and the Early Universe in May 1986, the second was on Dark Matter in the Universe in May 1988. All three schools have been successful under the auspices of the NATO Advanced Study Institute. This volume is thus the third in the series of the proceedings of these schools. The choice of the topic for this third school was natural, since the problem of generating a large-scale structure has become the most pressing problem in cosmology today. In particular, it is this generation of structure that is the interface between astronomical observations and particle models for the early universe. To date, all models for generating structures inevitably require new fundamental physics beyond the standard,  $SU(3) \times SU(2) \times U(1)$ , model of high energy physics. The seeds for generating structures usually invoke unification physics,...



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