Preface

As the study of cosmic rays has turned to rarer and rarer events, astrophysicists have been driven to build larger and larger detectors. Radio detection has long offered the possibility of instrumenting the largest volumes of material. After forty years of research, researchers in the field met at the University of California, Los Angeles for the "First International Workshop on the Radio Detection of High Energy Particles" (RADHEP-2000). From November 16–18, 2000 we discussed theoretical and experimental aspects of the detection of high-energy cosmic rays and neutrinos using radio waves and related techniques. We gratefully acknowledge the U.S. Department of Energy for supporting the publication of the proceedings.

This workshop was in many ways indebted to two outstanding twentieth century physicists, Gurgen Askaryan the remarkable theorist, and John Jelley the consummate experimentalist, both of whom have recently passed away. Their ideas and methods have now resonated with us for nearly forty years, sometimes with great strength, and other times without much notice. But from the enthusiasm and creativity evident at this meeting, it appears that the seeds planted by these physicists a generation ago are now bearing fruit.

David Saltzberg
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