

CONTENTS

PLENARY SESSIONS

Logunov A.A.: Relativistic theory of gravitation and new notions of space-time	7
Solovianov V.L.: Study of polarization effects in charge-exchange processes at IHEP accelerator	26
Krisch A.D.: The AGS polarized proton beam	41
Makdizi Y.I.: Experimental results on spin physics at the AGS	52
Pondrom L.: Magnetic moments of baryons and quarks	58
Pron'ko G.P., Soloviev L.D.: Hadron spin in string model	67
Heller K.: Inclusive hyperon polarization - an experimental review	81
Efremov A.B. et al.: Polarization effects in QCD	89
Lipkin H.J.: Tests of QCD in high energy spin reactions	98
Goloskokov S.V. et al.: Spin effects in elastic hadron scattering at small and large angles	107
Hiramatsu S. et al.: Polarized proton acceleration in KEK PS.119	
Masaike A.: Present and future of spin physics at KEK	126
Kitching P.: Review of results from TRIUMF	136
Barber D.P.: HERA and polarization at HERA	145
Zelenskii A.N. et al.: Laser methods of proton polarization.	154
Arvieux J.: Polarization studies at SATURNE-2	167
Hoshizaki N.: Phase analysis in NN scattering.	177
Belostotsky S.L.: Polarization in intermediate energy proton-nucleon reactions (Gatchina data).	185
Ratcliffe P.G: Session report on the theory of spin effects at high energies	196
LeLuc C.: Nucleon-nucleon scattering at intermediate energies.	199
Troshin S.M.: Progress in theoretical studies of spin effects in strong interactions (summary).	209
Vasiliev A.N.: Summary of parallel session II.	213
Burkert V.: Spin physics at intermediate energies	222
Crabb D.G.: Summary of experimental results in high energy spin physics.	234
Vartapetian H.A.: Spin effects at intermediate energies.	242
Rossmannith R.: New technical development, part I.	249
Chamberlain O.: Report on two polarization workshops.	258
Jaccard S.: Report on the SIN-Montana international workshop on polarized sources and targets - January, 1986.	262
Krisch A.D.: Symposium Summary	272