Preface. **Progress in High-Energy Physics**. An Alternative Interpretation of the Weinberg-Salam Model.- A Lorentz invariant Gauge for the Yang-Mills Field without Gribov Ambiguity.- Phenomenology of the Heavy Flavored Spin 3/2 Baryons in Light Cone QCD.- First DAMA/LIBRA Results and Beyond.- Issues of Reggeization in $qq'$ Backward Scattering.- $\pi \pi$ Scattering Length Measurements from Ke4 and $K^+ \rightarrow n^0 \pi^+$Decays at NA48/2.- Measurement of the Proton-Longitudinal-Structure Function $F_L$ at HERA .- Cuoricino Results and Perspectives for CUORE.- OPERA Experiment — status report.- Precise Measurement of the $n^+ \rightarrow e^+\nu$ Branching Ratio.- Performances of the CMS Tracker.- Nuclear Track Detectors.- The ANTARES Neutrino Telescope.- HSD transport model as a tool for studying fluctuations in nucleus-nucleus collisions.- First Results on the Interactions of Relativistic $^9$C Nuclei in Nuclear Track Emulsion.- A Precision Measurement of the Neutral Pion Life Time: Updated Results from the PrimEx Experiment.- New Heavy Gauge Boson Searches with CMS.- CMS Tracker Upgrade Issues and Plans: a Short Review.- Search for Lepton Flavour Violation with the MEG Experiment.- The Study of Ultra High Energy Cosmic Rays in the Pierre Auger Observatory.- The MoEDAL Experiment - Searching for Highly Ionizing Particles at the LHC.- Radiative Kaon Decays and ChPT Test with the NA48/2 Experiment at CERN.- New results for $K^+ \rightarrow \pi^+\nu\nu$ at low $\pi^+$ momentum from BNL E949.- The sLHC and the ATLAS Detector.- **Nuclear Safety**. Problem of Radiation Resistance of Structural Materials of Nuclear Power.- Symbiotic Nuclear-Coal Systems for Production of Liquid Fuels.- Prospects of Safe Nuclear Energy in Ukraine.- Development of Methods for Simulation of Electronuclear Processes; Simulation of Energy Deposition and Neutron Spectrum of Subcritical Assembly Irradiated with Proton Beam with MCNPX Transport Code.- Spallation Neutron Energy Spectrum Determination with Yttrium as a Threshold Detector on U/Pb-assembly “Energy plus Transmutation”.- Remarks on Muon Radiography.- Subject Index. Author Index
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