

AUTHOR INDEX

- Aditya Team
see Raju D 727
see Rajesh R 733
- Alex Mary
 Plasma sprayed alumina coatings for radiation detector development 927
- Ananthanarayan B
 Infra-red fixed points in supersymmetry 253
- Ananthapadmanabhan P V
see Alex Mary 927
- Arballo J K
see Lakhina G S 665
- Arjuna Gowda K V
 Crystal and molecular structure of N-(*p*-nitrobenzylidene)-3-chloro-4-fluoro-aniline 441
- Assis A K T
 Comparison between Weber's electrodynamics and classical electrodynamics 393
- Aulakh Charanjit S
 Supersymmetric unification at the millenium 137
- Baishya S K
 Electrostatic sheath at the boundary of a collisional dusty plasma 861
- Balagi V
see Alex Mary 927
- Bandhyopadhyay S
see Shukla M 781
- Bandyopadhyay I
 Plasma position control in SST1 tokamak 741
- Banerjee Asit
 Workshop IV – Cosmology-theoretical models/alternative scenarios: A report 603
- Banerjee N S N
see Bhar Gopal C 405
- Banerjee Sunanda
 Quantum chromodynamics studies at LEP2 85
- Batra Karuna
see Subbarao D 813
- Bhar Gopal C
 Third harmonic generation of CO₂ laser radiation in AgGaSe₂ crystal 405
 Generation of ultraviolet radiation with wide angular tolerance in cesium lithium borate crystal 413
- Bhattacharjee Pijushpani
 Ultra high energy cosmic rays above 10¹¹ GeV: Hints to new physics beyond Standard Model 297
- Bhattacharyya Debarati
 Plasma dynamics from laser ablated solid lithium 823
- Bhattacharyya Gautam
 Beyond the Standard Model: Working group report 307
- Bhattacharyya Krishnendu
 Observation of floating potential asymmetry in the edge plasma of the SINP - tokamak 707
- Bhattacharyya R
 Minimum dissipative relaxed states in toroidal plasmas 947
- Bhowmik R K
see Mukherjee B L471
- Bičák Jiří
 Black holes under external influence 481
- Chang Chao-Hsi (Zhao-Xi Zhang)
B_c meson properties and its leptonic radiative decays 283
- Chao C G
see Bhar Gopal C 405
- Chaturvedi S
see Sarkar P 941
- Chaudhary Anil K
see Bhar Gopal C 413
- Chavda Chhaya
see Rajesh R 733
- Chhabra J
see Pandey J D 433
- Choudhury Debajyoti
B and collider physics: Working group report 335
- Chouhan Rashmi
see Mishra K K 919
- Chutia J
see Singha Bornali 899
- Chutia Joyanti
see Baishya S K 861
- Cline J M
 Status of electroweak phase transition and baryogenesis 33
- Das A K
 Arc root dynamics in high power plasma torches – Evidence of chaotic behavior 873

- Das G C
see Baishya S K 861
- Dasgupta B
see Bhattacharyya R 947
- Datta Amitava
 The status of supersymmetry phenomenology 183
- Datta Sambhu Nath
 Variable operator technique and the min-max theorem 383
- d’Cunha R
see Patil D S 933
- Deshpande S P
see Bandyopadhyay I 741
- Dey R
see Pandey J D 433
- Dhurandhar S V
 Searching for gravitational waves from rotating neutron stars 545
- Dittmar Michael
 Perspectives of SM Higgs measurements at the LHC 151
- Dwivedi C B
 Basic physics of colloidal plasmas 843
 Dynamo transformation of the collisional R-T in a weakly ionized plasma 849
- Galvan C
see Lakhina G S 665
- Gavai R V
 Quark-gluon plasma: Status of heavy ion physics 125
- Gelis François
 Two problems in thermal field theory 113
- Ghosh S S
 Dromion solutions for an electron acoustic wave and its application to space observations 693
- Gill Tarsem Singh
see Saini Nareshpal Singh 803
 Optical guiding of laser beam in nonuniform plasma 835
 Effect of nonthermal ion distribution and dust temperature on nonlinear dust acoustic solitary waves 855
- Goswami Monojoy
 A self-consistent kinetic modeling of a 1-D, bounded, plasma in equilibrium 887
- Govindarajan J
see Jagadeeshwari M 751
- Goyal Kamal
see Subbarao D 757, 813
- Goyal Sanjeev
see Subbarao D 757, 813
- Gupta R K
see Mishra K K 919
- Gupta S
see Senecha V K 789
see Prasad Y B S R 797
- Gupta Sourendu
 Quantum chromodynamics: Working group report 327
- Hamar D
see Singh R P 685
- Harindranath A
 Light front quantum chromodynamics: Towards phenomenology 241
- Heinemann Beate
 Latest results from HERA 63
- Indumathi D
see Gupta Sourendu 327
- Jagadeeshwari M
 Internal magnetic field measurement in tokamak plasmas using a Zeeman polarimeter 751
- Janaki M S
see Bhattacharyya R 947
- Jha L K
 Electron impact single ionization of copper 447
- Jha R
see Raju D 727
- Joseph Antony
see Santhosh K P 375
- Joshi A S
see Senecha V K 789
see Prasad Y B S R 797
- Joshi Pankaj S
 Gravitational collapse: The story so far 529
- Kabir P K
 Analysis of two recent tests of T -invariance 247
- Kalinowski J
 Measuring the chargino parameters 259
- Kamath M P
see Senecha V K 789
see Prasad Y B S R 797
- Kaul Shyam Sunder
see Singh Tarsem 423
- Kaur Harvinder
see Gill Tarsem Singh 855
- Kaw P K
see Raju D 727

- Khardekar R K
see Mishra K K 919
- Kilpio A V
see Shukla M 781
- King S F
 Non-minimal and non-universal supersymmetry 161
- Kokila M K
see Arjuna Gowda K V 441
- Koo Sang-Mo
see Pattabiraman M 455
- Krishan Vinod
 High energy universe – Satellite missions 655
- Kulkarni A P
see Senecha V K 789
see Prasad Y B S R 797
- Kulkarni M V
see Arjuna Gowda K V 441
- Kumar Ajai
see Rajesh R 733
- Kumar Manoj
see Rajesh R 733
- Kumar R
 Measurement of temperature fluctuations and anomalous transport in the SINP tokamak 713
see Mukherjee B L471
- Kumar Raj
see Sarkar P 941
- Kumar Rajesh
see Sarkar P 941
- Kumar Ravinder
see Subbarao D 957
- Kumbhakar Pathik
see Bhar Gopal C 405, 413
- Kundu Anirban
 New physics effects from B meson decays 265
- Lakhina G S
 Sun–Earth connection: Boundary layer waves and auroras 665
see Ghosh S S 693
- Lathi D
see Sarkar P 941
- Learned J G
 Results from atmospheric neutrinos 3
- Lichtenberger J
see Singh R P 685
- Liebling Steven L
 Black hole critical phenomena without black holes 497
- Ma Ernest
 How neutrinos get mass and what other things may happen besides oscillations? 229
- Maartens Roy
 Cosmological magnetic fields 575
- Majumdar Parthasarathi
 Quantum aspects of black hole entropy 511
 Workshop II – Black holes and compact objects: Quantum aspects 591
- Mattoo S K
see Raju D 727
- Mena Filipe C
 Density contrast indicators in cosmological dust models 617
- Mishra K K
 A simple and efficient levitation technique for noncontact coating of inertial confinement fusion targets 919
- Mohanty S
 Neutrino and astroparticle physics: Working group report 315
- Mohapatra R N
 High scale parity invariance as a solution to the SUSY CP problem and an explanation of small $\varepsilon'/\varepsilon^*$ 289
- Mukherjee B
 High spin states in ^{63}Cu L471
- Muralithar S
see Mukherjee B L471
- Murthy M V N
 Discussion on a possible neutrino detector located in India 347
- Murugaraj P
see Pattabiraman M 455
- Narayanan Ramesh
 Runaway electrons in the SINP tokamak 719
- Narlikar Jayant V
 The lighter side of gravity (How Swami Gurutvananda received enlightenment?) 629
- Navathe C P
see Prasad Y B S R 797
- Nigam Sameer
see Prasad Y B S R 797
- Nundy U
see Bhar Gopal C 405
- Pal R
see Narayanan Ramesh 719
- Pancholi S C
see Mukherjee B L471

- Pandey J D
Non-linearity parameter B/A of binary liquid mixtures at elevated pressures 433
- Pandey M
see Patil D S 933
- Pant H C
see Rai V N 773
see Shukla M 781
see Senecha V K 789
see Prasad Y B S R 797
- Pareek R
see Senecha V K 789
see Prasad Y B S R 797
- Patel Apoorva
Constraints on m_s and ϵ'/ϵ from lattice quantum chromodynamics 235
- Patel L K
see Tikekar Ramesh 361
- Patel N C
see Rajesh R 733
- Patel R P
see Singh R P 685
Ionospheric plasma by VHF waves 699
- Patil D S
Microwave plasma deposition of diamond like carbon coatings 933
- Pattabiraman M
Annealing effect on transport properties of $\text{Nd}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ thin films 455
- Prasad K R
see Alex Mary 927
- Prasad V
see Pattabiraman M 455
- Prasad Y B S R
see Senecha V K 789
Scaling of x-ray emission and ion velocity in laser produced Cu plasmas 797
- Pujara H D
see Srivastava Amit Kumar 911
- Puttaraja
see Arjuna Gowda K V 441
- Rai V N
Density oscillations in laser produced plasma decelerated by external magnetic field 773
see Shukla M 781
- Rajasekaran G
Phenomenology of neutrino oscillations 19
- Rajesh R
Electron temperature (T_e) measurement by Thomson scattering system 733
- Rajpal Rachana
see Srivastava Amit Kumar 911
- Raju D
Mirnov coil data analysis for tokamak ADITYA 727
- Ramachandra B S
Workshop I – Black holes and compact objects: Classical aspects 585
- Ramachandran H
see Goswami Monojoy 887
- Ramachandran K
see Patil D S 933
- Ramesh Kumar B
see Rajesh R 733
- Rangarajan G
see Pattabiraman M 455
- Rani K
see Mukherjee B L471
- Rao K V
see Pattabiraman M 455
- Ray N R
see Bhattacharyya Krishnendu 707
- Raychaudhuri A K
Singularity free non-rotating cosmological solutions for perfect fluids with $p = k\rho$ 609
- Raychaudhuri Amitava
see Bhattacharyya Gautam 307
- Raychaudhuri Sreerup
Large compact dimensions and high energy experiments 171
- Roy B N
see Jha L K 447
- Roy O P
see Jha L K 447
- Roy Surov
Some aspects of R -parity violating supersymmetry 271
- Saha S K
see Kumar R 713
- Sahni Varun
The case for the cosmological constant 43
Living with lambda 559
- Saini Nareshpal Singh
Effect of rippled laser beam on excitation of ion acoustic wave 803
see Singh Tarsem 423
- Sanda A I
CP violation: the past, the present and the future 207
- Sanguri V
see Pandey J D 433
- Santhosh K P
Exotic decay in Ba isotopes via ^{12}C emission 375

- Sarkar P
 Operation of a capacitor bank for plasma metal forming 941
- Sarma A
see Singha Bornali 899
- Sastry V S
see Pattabiraman M 455
- Satyanarayana D V
see Bhar Gopal C 405
- Saxena Y C
see Raju D 727
- Sekar Iyengar A N
see Narayanan Ramesh 719
- Sen A
see Ghosh S S 693
- Sen A A
 Non-static local string in Brans–Dicke theory 369
- Senecha V K
 Volume effect of laser produced plasma on X-ray emissions 789
see Prasad Y B S R 797
- Seshadri T R
 Workshop III – Cosmology: Observations versus theories 599
- Shivaprakash N C
see Arjuna Gowda K V 441
- Shukla M
see Rai V N 773
 Multiple charge states of titanium ions in laser produced plasma 781
- Shyam A
see Sarkar P 941
- Silva H Torres
see Assis A K T 393
- Singh Abhay Kumar
see Patel R P 699
- Singh Ashok K
see Singh R P 685
- Singh H
see Subbarao D 757
- Singh R P
see Mukherjee B L471
 Matched filtering-parameter estimation method and analysis of whistlers recorded at Varanasi 685
see Patel R P 699
- Singh Tarsem
 Dynamics of self-focusing and self-phase modulation of elliptic Gaussian laser beam in a Kerr-medium 423
- Singha Bornali
 Sheath and plasma parameters in a magnetized plasma system 899
- Sinha Rahul
 New physics with beauty 219
see Choudhury Debajyoti 335
- Solanki G S
see Senecha V K 789
see Prasad Y B S R 797
- Sonara J
see Sarkar P 941
- Sreedhar N
see Prasad Y B S R 797
- Sreekumar K P
see Alex Mary 927
- Srivastava Ajit M
 Formation of disoriented chiral condensates in relativistic heavy-ion collisions 53
- Srivastava Amit Kumar
 CAMAC based continuous/transient digitizer for long duration discharge 911
- Subbarao D
 Lie optics, geometrical phase and nonlinear dynamics of self-focusing and soliton evolution in a plasma 757
 Lie-optic matrix algorithm for computer simulation of paraxial self-focusing in a plasma 813
- Subramanyam S V
see Pattabiraman M 455
- Tavakol Reza
see Banerjee Asit 603
see Mena Filipe C 617
- Thakkar Aruna
see Rajesh R 733
- Tikekar Ramesh
 Rotating cylindrically symmetric Kaluza–Klein fluid model 361
 On spherically symmetric singularity-free models in relativistic cosmology 623
- Tripathi P K
see Prasad Y B S R 797
- Tsurutani B T
see Lakhina G S 665
- Uberoi Chanchal
 Space and astrophysical plasmas: Pervasive problems 645
- Uma R
see Subbarao D 757, 813

van Neerven W L		Verma R	
Higher order corrections in perturbative quantum chromodynamics	101	<i>see</i> Pandey J D	433
Varshney S K		Vishveshwara C V	
<i>see</i> Rajesh R	733	<i>see</i> Ramachandra B S	585
Vempati Sudhir K		Yajnik U A	
Neutrino masses and mixing in supersymmetric theories	277	<i>see</i> Mohanty S	315
Venkatramani N		Yajnik Urjit A	
<i>see</i> Patil D S	933	<i>see</i> Murthy M V N	347
Venugopalan Raju		Yamamoto H	
What's new at small x ?	73	Experimental status of B physics	195