

Publications

In Journals

- 1. Large scale shell model calculations for even-even $^{62-66}\text{Fe}$ isotopes**
P.C. Srivastava and I. Mehrotra
Journal of Physics G: Nuclear and Particle Physics 36 (2009) 105106
[arXiv: nuclth/0907.4050]
- 2. Neutron rich nuclei around N=16 shell closer**
P.C. Srivastava and I. Mehrotra
AIP Conf. Proc. (New-York) 1109 (2009) 108
[arXiv: nuclth/0706.1812]
- 3. Parity Inversion and different properties of ^{11}Be halo Nuclei**
P.C. Srivastava and I. Mehrotra
AIP Conf. Proc. (New-York) 912 (2007) 127
[arXiv: nuclth/0608.073]
- 4. Large scale shell model calculations for even-even $^{58-62}\text{Mn}$ isotopes**
P.C. Srivastava and I. Mehrotra
Journal of Physics G: Nuclear and Particle Physics (Under Review)
[arXiv: nuclth/0910.1012]
- 5. Monopole shift in neutron-rich fluorine isotopes: a shell model description**
P.C. Srivastava and I. Mehrotra
Modern Physics Letter A (Under Review)
- 6. Large scale shell model calculations for even-odd $^{61-65}\text{Fe}$ Isotopes**
P.C. Srivastava and I. Mehrotra
International Journal of Modern Physics E (Under Review)

- 7. Shell Model study of neutron-rich oxygen and fluorine isotopes**
P.C. Srivastava and I. Mehrotra
Brazilian Journal of Physics (Under Review)
- 8. Parity inversion and different properties of ^{11}Be halo nuclei**
P.C. Srivastava and I. Mehrotra
Fizika B (Under Review)
- 9. Evolution of shell structure near Ni region**
P.C. Srivastava, P. Van Isacker and I. Mehrotra
To be communicated
- 10. Identification of slow E3 transition in ^{136}Cs**
P.C. Srivastava in K. Wimmer *et al.*
To be communicated
- 11. High spin states in ^{152}Tm**
P.C. Srivastava in D. M. Cullen *et al.*
To be communicated
- 12. Two proton radioactivity in ^{54}Zn**
P.C. Srivastava in B. Blank *et al.*
To be communicated
- 13. β -decay of $T_z = -1$ nucleus ^{58}Zn**
P.C. Srivastava in Y. Fujita *et al.*
To be communicated
- 14. β -decay of $^{70,71}\text{Kr}$**
P.C. Srivastava in C. J. (Kim) Lister *et al.*
To be communicated

In Conferences

- 1. Large scale shell model calculation in Zn isotopes**
P.C. Srivastava, P. Van Isacker and I. Mehrotra
ENAM 08, Poland
- 2. Shell model study of neutron-rich oxygen and fluorine isotopes**
I. Mehrotra and P.C. Srivastava
International conference on nuclear structure (NS2008), Michigan State University (USA)
- 3. Monopole shift in neutron-rich fluorine isotopes- a shell model description**
P.C. Srivastava and I. Mehrotra
Zakopane-2008, Poland
- 4. Shell model study of neutron-rich F isotopes**
P.C. Srivastava and I. Mehrotra
DAE-BRNS symposium on Nuclear Physics 52 (2007) 290
- 5. Shell model study of neutron-rich O isotopes**
P.C. Srivastava and I. Mehrotra
ISPUN07, Vietnam 2007
- 6. Analytically solvable mean field potential of ^{11}Be halo Nuclei**
P.C. Srivastava and I. Mehrotra
Nuclei at the Extreme, Shimla 2005
- 7. Large scale shell model calculations for N=51 isotones**
K. Maurya, P.C. Srivastava and I. Mehrotra
DAE-BRNS symposium on Nuclear Physics 2009