# XIV Hadron Physics 2018

## Tuesday, March 20, 2018

**Tuesday Posters (4:00 PM - 5:00 PM)**

| [id] title | presenter | board |
|---|---|---|
| **[17] Thermodynamic consistency in magnetized neutron stars** | LOPES, Luiz | |
| **[15] Exploring the decay probability of neutron-rich superheavy nuclei** | BRUYAN, Mrutunjaya | |
| **[16] Extreme binding energy limit for a fermionic system.** | CASTRO, Abigail | |
| **[21] Rescattering of $J/\psi$ in the hadronic medium : an update using coupled channel unitarized amplitudes** | CAVALCANTI, Erich | |
| **[39] Tracing the virtual nd state with Halo/cluster EFT** | HIGA, Renato | |
| **[43] Radiative Corrections and Ward-Takahashi-Fradkin identities in GSDKP** | NOGUEIRA, Anderson | |
| **[49] Study on the PDF comparisons for quarkonium + gamma production at the LHC and FCC energies** | MELO MACHADO, Mairon | |
| **[51] Perturbative QCD and Spin-1** | DE MELO, João Pacheco | |
| **[63] J/$\psi$ production as a function of event multiplicity in pp collisions at $\sqrt{s}$ = 13 TeV using EMCal-triggered events with ALICE at the LHC** | JAHNKE, Cristiane | |
| **[70] Isospin matter and pion stars** | HIPPERT TEIXEIRA, Mauricio | |
| **[71] Investigating the exclusive vector meson photoproduction in nuclear collisions at Run 2 LHC energies** | DOS SANTOS, Gláuber | |
| **[94] Phenomenological Analysis of the process DPS** | PAITAN, Edgar | |
| **[82] Double quarkonium production in $pp$ collisions at the LHC** | BRENNER MARIOTTO, Cristiano | |
| **[85] Symmetry deviations in the pasta nuclear structures** | ROCHA, Sergio | |
| **[95] Magnetized color superconducting quark matter under compact star conditions: Phase structure within the SU(2)f NJL model** | COPPOLA, Máximo | |
| **[107] Searching for coherent neutrino-nucleus interaction (CENNS) with M\"ossbauer Spectroscopy** | BARBOSA DUARTE, Sergio MARQUES, Célio | |
| **[58] Corrections to hadron effective couplings due to weak background magnetic field** | BRAGHIN, Fabio | |
| **[57] Massive gluon exchange potential in KN scattering** | FOLADOR, Bruna | |
| **[56] Critcal behavior of Walecka model in the presence of magnetic background and boundaries** | SANTOS NERY, Elenilson | |
| **[55] Central Exclusive Production at LHCb** | SILVA DE OLIVEIRA, Luiz Gustavo | |
| **[50] A numerical simulation of Gravitational Collapse of a Neutron star** | GOMES PACHECO DE SÁ, Mariana | |
| **[47] A comparative study of Neutron Star structure using 3 models: Walecka Model, PAL Model and M.I.T. Bag Model** | KÖPP, Fábio | |
| **[67] Diffractive Production of Quarkonium in p-A Collisions at LHC** | ROCHA, Érison | |
| **[80] Investigating the graviton production in future electron-positron colliders** | MACHADO, Magno | |

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| **[91] Magnetized neutral mesons at finite temperature** | TAVARES, William Rafael | |
| **[98] The infrared dynamics of the three-gluon vertex** | AGUILAR, Arlene Cristina | |
| **[115] RENORMALIZABILITY OF MASSIVE N = 1 SUPER YANG MILLS THEORY IN LANDAU GAUGE** | HOLANDA, O. | |
| **[83] Supersymmetry Breaking at Finite Temperature in a Susy Harmonic Oscillator with Interaction.** | MARQUES, Célio | |
| **[78] An introductory study to white dwarfs** | PEREIRA NUNES, Sílvia | |
| **[76] Towards a Dalitz Plot Analysis of the decay D+ → π- π+ π+ in LHCb experiment** | GONCALVES ABRANTES, Fernanda | |
| **[93] Study of the covariant Wigner function applied to the linear sigma model** | SODRÉ, Joana Carolina | |
| **[109] Description of pp forward elastic scattering at 7 and 8 TeV** | KOHARA, Anderson Kendi | |
| **[120] Renormalizability of pure $\mathcal{N}=1$ Super Yang-Mills in the Wess-Zumino gauge in the presence of the local composite operators $A^{2}$ and $\bar{\lambda}\lambda$** | CARMO TERIN, Rodrigo | |
| **[108] Quark-antiquark potentials in nonperturbative models** | MENA, Carlos | |
| **[104] Three-body nonelastic breakup cross-section for weakly bound nuclei** | SOUZA, Lucas | |
| **[110] Scale independence in an asymptotically free theory at finite temperatures** | FERRARI, Gabriel | |