

Conferences

1. C. Crucean and M. A. Baloi, *Fermion production in a magnetic field in a de Sitter Universe*, The Joint Meeting on Quantum Fields and Nonlinear Phenomena, 9th-13nd March 2016, Sinaia, Romania, oral presentation.
2. C. Crucean and M. A. Baloi, *Fermion production in magnetic fields on de Sitter Universe*, The Planck Scale II- 35 Born Symposium, 7th-12nd September 2015, Wroclaw, Poland, oral presentation .
3. M. A. Băloi and C. Crucean , *Fermion production in dipolar electric field on de Sitter expanding universe* 20th- 22nd November 2014, Physics Conference TIM 14, Timișoara, Romania, poster presentation.
4. M. A. Băloi, *Production of massive scalar particles in early Universe*, 24th-28nd September 2014, The 9-th Workshop “Quantum Field Theory and Hamiltonian Systems”, Sinaia, Romania, poster presentation.
5. C. Crucean and M. A. Baloi, *Fermion production in a magnetic field in a de Sitter universe*, 26-28 May, 2016 Timisoara, Romania, poster presentation.
6. C. Crucean and M. A. Baloi, *Production of scalar particles in Sitter space-time*, 26-28 May 2016, TIM15-16, Timisoara, Romania, poster presentation.
7. M. Baloi and C. Crucean, *Generation of Z bosons in emission processes by neutrinos in early universe*, 1-3 September 2020, The 13th International LISA Symposium, online presentation.
8. M. Baloi and C. Crucean, *Generation of Z bosons in emission processes by neutrinos in early universe*, 24-26 September, Virtual Conference of the Polish Society on Relativity 2020, Poland, online presentation.
9. M. Baloi, C. Crucean, D. Popescu, *Scalar pair production in a magnetic field in de Sitter universe*, 18 November, Strings and Fields 2020, Kyoto, Japan, online presentation.
10. M. Baloi and C. Crucean, *Generation of Z bosons in emission processes by neutrinos in early universe*, 7-11 December 2020, Cosmic Rays and Neutrinos in the Multi-Messenger Era, France Paris, online presentation.