

STARS2017 - 4th Caribbean Symposium on Cosmology, Gravitation, Nuclear  
and Astroparticle Physics / SMFNS2017 - 5th International Symposium on  
Strong Electromagnetic Fields and Neutron Stars

Contribution ID: 69

Type: **Poster**

## Low energy interaction in the Fock-Tani formalism

The Fock-Tani formalism is a first principle method to obtain effective interactions from microscopic Hamiltonians. Originally derived for meson-meson or baryon-baryon scattering, we present the corresponding equations for meson-baryon scattering and annihilation for a KN interaction.

**Primary authors:** Mrs FOLADOR, Bruna (Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil); Dr HADJIMICHEF, Dimitre (Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil)

**Presenter:** Mrs FOLADOR, Bruna (Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil)

**Track Classification:** STARS2017