

# In-medium nucleon axial form factor using a light-front nucleon wave function and a quark-meson coupling model

*Monday 19 March 2018 16:00 (1 hour)*

We study the nucleon axial ( $G_A$ ) form factor in symmetric nuclear matter in a light-front approach using the in-medium inputs calculated by the quark-meson coupling model, where the quarks interact with a flavor independent contact force. We found results comparable to the ones obtained with a confining interaction.

## Summary

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**Session Classification:** Monday Posters