



Contribution ID: 221

Type: **Talk**

## Electromagnetic structure of charmed baryons - extended to spin-3/2

*Thursday, 16 July 2015 11:40 (20 minutes)*

The electromagnetic form factors of the spin-3/2  $\Omega$  baryons, namely the  $\Omega$ ,  $\Omega_c^*$ ,  $\Omega_{cc}^*$  and  $\Omega_{ccc}$ , are calculated in full QCD on  $32^3 \times 64$  PACS-CS lattices with a pion mass of 156(9) MeV. The electric charge radii and magnetic moments from the E0 and M1 multipole form factors are extracted. Results for the electric quadrupole form factor, E2, are also provided. Quark sector contributions are computed individually for each observable and then combined to obtain the baryon properties. Charm quark contributions are observed to be systematically smaller compared to the strange quark contributions in case of the charge radii and magnetic moments. E2 moments of the  $\Omega_{cc}^*$  and  $\Omega_{ccc}$  are estimated significantly enough to show that their electric charge distributions are deformed. Properties of the spin-1/2 counterparts of the  $\Omega_c^*$  and  $\Omega_{cc}^*$  baryons are also computed and a comparison is presented.

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**Session Classification:** Hadron Structure

**Track Classification:** Hadron Structure