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Charm baryons at finite temperature on anisotropic lattices

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Singly, doubly and triply charmed baryons are investigated at multiple temperatures using the anisotropic FASTSUM 'Generation 2L' ensemble. We discuss the temperature dependence of these baryons' spectrum in both parity channels with a focus on the confining phase. To further qualify the behaviour of these states around the pseudocritical temperature, the parity doubling due to the restoration of chiral symmetry is examined. The addition of heavier 'heavy' quarks and lighter 'light' quarks compared to our previous studies improves our understanding.

Primary author: BIGNELL, Ryan (Swansea University)

Co-authors: AARTS, Gert (Swansea University); ALLTON, Chris (Swansea University); BURNS, Timothy (Swansea University); JAEGER, Benjamin (University of Southern Denmark); SKULLERUD, Jon-Ivar (National University of Ireland, Maynooth)

Presenter: BIGNELL, Ryan (Swansea University)

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