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Federico Galetto* (galett@math.mcmaster.ca), **Anthony V. Geramita** and **David Wehlau**. *Symmetric complete intersections*. Preliminary report.

Complete intersection ideals in polynomial rings are parametrized by the degrees of their generators. We consider complete intersection ideals that are stable under the action of the symmetric group permuting the variables. These ideals are further parametrized by the representation type of a stable generating subspace. We classify the possible representation types for stable complete intersection ideals and obtain formulas for the graded characters of the corresponding quotient rings. (Received January 14, 2016)