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**Nicolas Guay\*** (nguay@ualberta.ca), **Vidas Regelskis** (vidasrr@gmail.com) and **Curtis Wendlandt** (cwendlan@ualberta.ca). *Twisted Yangians for symmetric pairs of types B, C and D.*

I will introduce twisted Yangians associated to symmetric pairs of types B, C and D which are similar to those of type A introduced by G. Olshanski over twenty-five years ago and which have been quite well studied. Whereas Yangians are Hopf algebras and important examples of quantum groups, twisted Yangians are very interesting families of co-ideal subalgebras of Yangians. After a brief discussion of a number of their properties, I will present classification results for their irreducible finite dimensional modules. This is joint work with Vidas Regelskis and Curtis Wendlandt. (Received January 21, 2018)