

# PASCOS 2016: 22nd International Symposium on Particles, Strings and Cosmology



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## Higher Spins and Strings

*Thursday, 14 July 2016 15:30 (30 minutes)*

Theories of massless higher spin gauge fields were seen as curiosities until recently. In the last decade or so these theories have played a larger role in string theory. I will give a broad overview of this subject and how the Vasiliev higher spin theory in AdS captures large  $N$  field theories in 2d and 3d. These are tractable yet nontrivial, often non-supersymmetric examples of the AdS/CFT correspondence. I shall also indicate why these theories will play a role in understanding the underlying symmetries of string theory.

### Summary

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