



Contribution ID: 6

Type: not specified

## EQUIVARIANT KODAIRA EMBEDDING FOR CR MANIFOLDS WITH CIRCLE ACTION

*Monday, December 11, 2017 3:00 PM (50 minutes)*

### Summary

In this talk we will discuss some results about the embedding of CR manifolds with circle action endowed with a positive CR line bundle. We prove that a certain weighted Fourier-Szego kernel of CR sections admits an asymptotic expansion and as a consequence we establish an equivariant Kodaira embedding theorem. This is based on a joint work with C.-Y. Hsiao and X. Li.

**Presenter:** Prof. MARINESCU, G. (Universität zu Köln)