



## The ARCS Seminar

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### Constructing $C^*$ -correspondences over Cuntz-Pimsner Algebras

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**Abstract:** We construct a functor that maps  $C^*$ -correspondences to their Cuntz-Pimsner algebras. We then use our functor to investigate the passage of certain  $C^*$ -correspondence relations to the associated Cuntz-Pimsner algebras. If the time permits, we shall discuss other “possible” applications of this functor.

**Time and Place:** Wednesday, November 3 from 5:00–6:00PM (Mountain Time Zone) in ENGR 239



The Rings and Wings Seminar is an activity of ARCS.  
<https://arcs-center.org>