

## Departmental Colloquium

### *Mappings of complex and real analytic spaces*

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**Abstract:** We discuss some good properties of analytic mappings, including flatness, regularity and being locally monomial. All of these properties can be obtained locally after performing suitable sequences of local blow ups. Key notions are that of a star and the stellar vault, which were introduced by Hironaka.

Friday, October 2 at 3:00 PM in SEO 636