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**Speaker:** Michael Mandell  
University of Indiana

Thursday, October 30, 2014  
3:15 PM  
258 Hurley Hall

**Title:** The homotopy groups of  $K(S)$

**Abstract:**

This talk will describe joint work with Andrew Blumberg where we build on work of Rognes to compute the homotopy groups of  $K(S)$  in terms of the homotopy groups of the sphere spectrum, the homotopy groups of  $\mathbb{C}P^{\infty-1}$ , and the homotopy groups of  $K(\mathbb{Z})$ . If time permits, I will say something about nilpotence of the multiplicative structure.