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Christine Berkesch Zamaere* (cberkesc@math.umn.edu), University of Minnesota, Minneapolis, MN, **Daniel Erman**, University of Wisconsin, Madison, WI , and **Gregory G. Smith**, Queen's University, Kingston, Ontario. *Free complexes on smooth toric varieties.*

I will discuss work in progress related to strengthening homological tools over Cox rings of smooth toric varieties. (Received September 15, 2014)