

1071-55-147 **Max Forester*** (forester@math.ou.edu), Mathematics Department, University of Oklahoma,
Norman, OK 73019. *Promotion maps and Smith theory.*

This talk concerns the situation of a finite group acting on a space. I will discuss a new natural homomorphism which is closely related to the transfer, called promotion. Applications include new and elementary proofs of some of the classical results of Smith theory. The talk will be elementary; no prior knowledge of Smith theory is required. (Received March 02, 2011)