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**George E Andrews\*** ([andrews@math.psu.edu](mailto:andrews@math.psu.edu)), Mathematics Department, McAllister Building,  
Penn State University, University Park, PA 16802. *Bailey Chains and Trees*.

In this talk we shall discuss some recent advances in the theory of Rogers-Ramanujan type identities. We shall focus on the method of Bailey chains. By examining the seminal work of W. N. Bailey, we shall show that, in fact, some of the classical formulas are initial nodes on what we term the Bailey Tree. Further applications will be suggested. (Received September 13, 2000)