Applications of the Maynard-Tao method

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In this talk, we will give an overview of several papers that build on the exciting recent work on bounded gaps between primes. First, we will discuss an extension of the Maynard-Tao method to both number fields and the function field $\mathbb{F}_q(t)$. We will also describe how the Maynard-Tao method can be adapted to answer some questions about sequences of consecutive primes that were of interest to Erdős. This talk is based on joint work with Abel Castillo, Chris Hall, Robert J. Lemke Oliver, and Paul Pollack.

All welcome. Research students in particular are encouraged to attend.

For further information, contact Jim Brown, jimlb@clemson.edu, Long 111.
Online: http://www.math.clemson.edu/~jimlb/NumberTheoryGroup/NTSeminar.html/