

# **On improved lower bounds for multicolor diagonal Ramsey numbers**

**S. Venkitesh, IIT Bombay**

## *Abstract*

We will have a look at a recent breakthrough, by Conlon and Ferber, which gives an exponential improvement to the lower bound on multicolor diagonal Ramsey numbers, for more than two colors. If time permits, we will also look at a further improvement, by Wigderson, in the case of more than three colors.