

Submit your solutions before the finishing date to the address: [ProbOfTheWeek@utdallas.edu](mailto:ProbOfTheWeek@utdallas.edu)

## Problem of the Week

Finishing date: 04/07/2017

Find 2016-th digit after the decimal point of  $(45 + \sqrt{2017})^{2016}$ .

Previous problem winners:

**Brendan Caseria (first solution),**  
Russel Hart, Stephen Skapek and Scott Goodson.



E.J. Poynter (1870)



All the information about the Problem of the Week challenge can be found at <http://ProbOfTheWeekUTD.wordpress.com>