1135-F1-1758   **Margaret Kepner*** (`renpek1010@gmail.com`). *Crowdsourcing the Magic.* Preliminary report.

Magic squares have been around for thousands of years. But there is always more magic to be found. Computers and the Internet have facilitated new ways of exploring the properties of magic squares. I will discuss a distributed computing project that put to rest a long-standing problem concerning magic squares containing knight's tours, as well as an online contest involving magic squares that 'hold water.' These efforts have added additional layers to the subject of magic squares. I will describe several examples of interesting magic squares, and illustrate how I have employed them in developing my artwork. (Received September 24, 2017)