

## From The Editor – Issue 33

HP Prime continues to surprise and inspire teachers. The connectivity kit is described in this issue and will be available in February as the article by Chris Olley mentions.

### Here is the content of this issue

**S01 – A Prime Graphed Rose for You** by G.T. Springer provides a primer for making advanced graphs; in this case a rose, stem, and petals.

**S02 –Formative Assessment in the Math Classroom** by Christi Cole explains how she has applied the process to not only help her students but to improve her teaching approach.

**S03 –Dialogic Teaching with the HP Prime Connectivity Kit** by Chris Olley provides a few examples and application of the HP Prime connectivity kit.

**S04 – The Art of Science Learning, Incubators for Innovation** by Laura Berlin explains how she became involved with a learning project called Art of Science Learning. Science (STEM) teaching using the arts greatly inspires student’s involvement.

**S05 – Transitioning from “Learning about Apps” to “Learning with Apps”** by Jim Vanides describes a process of using “verbs before nouns” as a process for discovering and applying educational applications programs.

**S06 – Customer Corner** is an *HP Solve* feature of interviewing long time HP customers to provide an insight as to how and why they have been so active using HP calculators. *HP Solve* contributor Namir Shammam started his HP calculator usage in 1974 with the HP-65 in Iraq.

**S07 – The Birth of an Algorithm** by Namir Shammam is our technical article for this issue. Starting with the classical taught-in-most-math-classes Bisection Method for solving the roots of an equation, Namir uses the HP Prime to develop and test a new and improved Bisection root finding algorithm.

### **S08 – From the Editor, Regular/assorted Columns**

- ◆ From the editor.
- ◆ HHC 2013 Conference at Ft. Collins - report.

That is it for this issue. We hope you enjoy it. Write us with your ideas for future topics including being an author yourself at: [hpsolve@hp.com](mailto:hpsolve@hp.com) or [rjnelsoncf@cox.net](mailto:rjnelsoncf@cox.net)

Richard J. Nelson – Technical Editor.

## HHC 2013 at Ft. Collins



Photo by Joseph K. Horn

The annual HP Handheld Conference, HHC, was held the fourth weekend in September (21<sup>st</sup> & 22<sup>nd</sup>) in Ft. Collins Colorado - the “home” of HP’s calculators. You may see who registered and what presentations were covered during the two Conference days (18 Hrs.) at: <http://hhuc.us/2013/reglist.htm>

The basic format of an HHC hasn’t changed much since the first conference in 1979 but the methods and technology of documenting the work of the HP User Community has changed as we increase our efficiency by using cloud computing to make the work of the attendees more readily available to everyone. See <ftp://hhuc.us/hhuc/2013/files/>

We provided each attendee with a thumb drive containing the presentations as well as providing the files at the link given above. The question that the HHC Committee wants to answer: Is the thumb drive necessary? If all files are posted to the cloud before and during the conference is it necessary to buy and distribute a thumb drive? We try to keep the Conference costs as low as possible and this is a cost item.

The HHC website for all HHC websites since 1999 may be found at: <http://hhuc.us/> The website for HHC 2013 is at: <http://hhuc.us/2013/index.htm>

The location for HHC 2014 hasn’t been determined yet and interested readers may sign up for the HHC list at <http://lists.brouhaha.com/mailman/listinfo/hhc> to receive information as it develops. The dates are September 20 and 21, 2014.