IBL & Mathematical Puzzlehunt Competitions

Legacy of R.L.M. Conference - 2015

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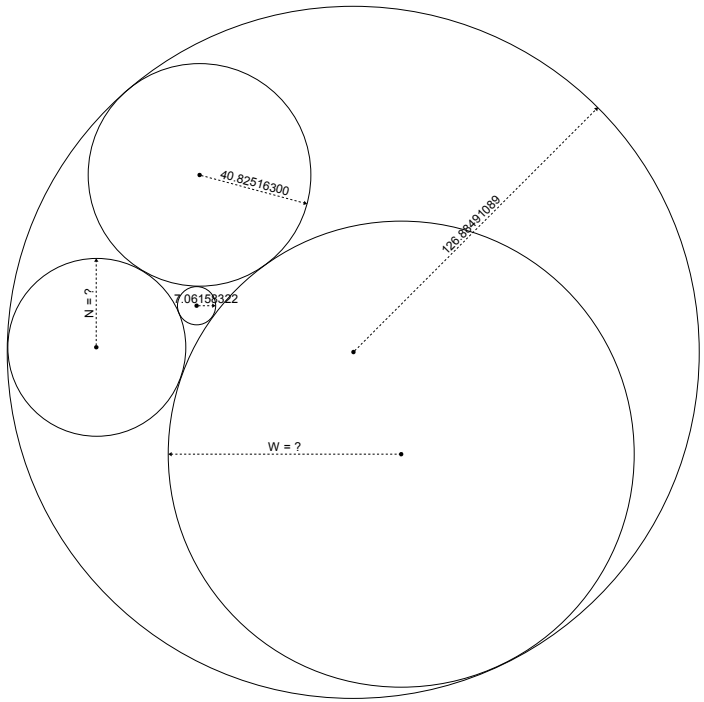
June 27, 2015

A **puzzlehunt** is a type of scavenger hunt which replaces the list of items to collect with a list of puzzles to solve.

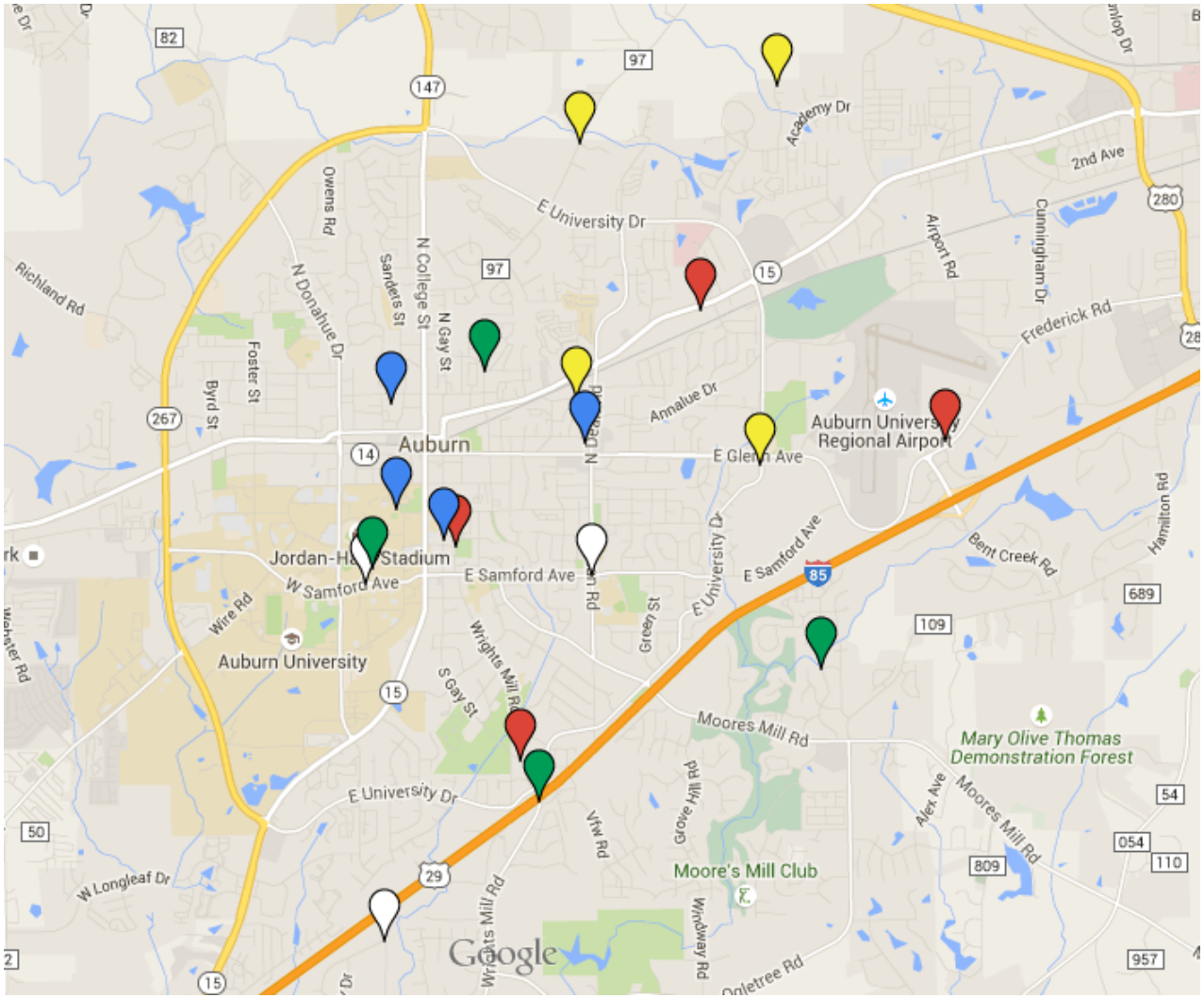
EPP15: Eric's Circle of Friends (March 14, '15 9:26:53am)
http://www.ericharshbarger.org

Puzzle #18: Kissing Circles

Who says mathematics can't be romantic? Why, here we have several "kissing" circles (they kiss each other by touching at only one point -- that is, tangentially). Figure out the two unknown radii (to at least six decimal places), and you'll learn the puzzle's destination. There you'll find a Numeric Passcode and who knows what other prurient behavior amongst mathematic models.



Locations where EPP15 solutions were found:



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- DASH (Different Area Same Hunt)
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Spigot

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- The solution is (often) not algorithmic.
- Everything is on the page for a reason.
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- Make sense of problems and persevere in solving them.
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  A physical challenge requiring students to run around a green space to collect data required to solve an otherwise quick puzzle.

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(tentative logo)

- `http://www.mappmath.org` (email newsletter)
- GitHub/Bitbucket/Twitter: @MaPPmath
- Speaker's Twitter: @StevenXClontz

Questions? Thanks for listening to us!