**Some attributes related to challenge problems:**

* Challenge

1. Challenge Name
2. Area
3. Rules to solve the challenge
4. Description of the challenge
5. Specific requirements
6. Supported documents
7. Links
8. Tutorials
9. Discussions
10. Files
11. Year
12. Assessment
13. Participants
14. Industry Researchers
15. Academia
16. Benchmarks
17. Categories
18. Application
19. Random challenge
20. Crafted
21. Selection of benchmark problems
22. Formats in which benchmark must be solved
23. Timeline to solve benchmarks
24. Solution
25. Format of the solution
26. Source Code
27. Binary
28. Formal Specification
29. Solution Description
30. Actual Description
31. Format Required
32. Input / Output Format Requirements
33. Execution Environment
34. Libraries
35. Compilers
36. Processors
37. Memory
38. OS
39. Linux
40. MAC
41. Windows
42. Deadline
43. Allowed tools to solve the challenge (e.g. EDACC Verifier, MiniSAT 2.2.0, Edit Distance tool etc.)
44. No. of Submissions allowed

* Some Links I used:

1. SAT Challenge -
2. <http://baldur.iti.kit.edu/SAT-Challenge-2012/rules.html>
3. <http://baldur.iti.kit.edu/SAT-Challenge-2012/submission.html>
4. <http://baldur.iti.kit.edu/SAT-Challenge-2012/index.html>
5. Pacemaker Challenge - <http://sqrl.mcmaster.ca/pacemaker.htm>
6. VSTTE:
7. <https://sites.google.com/site/vstte2012/compet>
8. <http://www.macs.hw.ac.uk/vstte10/Competition.html>
9. SMT-COMP 2012
10. <http://smtcomp.sourceforge.net/2012/>
11. For benchmarks <http://smtcomp.sourceforge.net/2012/application.shtml>

* Not all challenges have benchmarks. SAT challenge and SMT-COMP have benchmarks. However, I am not exactly clear about the benchmark idea. SAT challenge requires participants to solve benchmarks in 15 minutes. These benchmarks are problems from previous SAT competitions. SMT doesn’t mention anything related to solving benchmarks and their significance. It just specifies the problems and format of the result. Can you please guide me with this?