Minutes of First Meeting

Date: 8/1/2015 Time: 7:15pm

**Topic: Discussion regarding user requirements.**

**Points Discussed:**

1. User requirements were discussed.
2. User already has the software for calculation of dark matter properties. User is satisfied with performance of software for single input and software takes tolerable time for that.
3. But software run on single core and is not optimized for parallel computing. So when user gives array of input, software takes lot of time. This really annoys the user.
4. User wants us to change program of software so that it will run on multiple cores in parallel. User also wants us to improve code to reduce time taken for large input.
5. User has got C code for software i.e. we can directly change that.

**Conclusion:**

1. Basic user requirement was understood.
2. User level parallelization has to be done along with optimizing code to reduce time.