



# SPARC India workshop 2014

## Tuesday, 28 January 2014

### Day 1 - AG66 (09:15 - 20:30)

| time  | [id] title  | presenter                  |
|-------|---|----------------------------|
| 09:15 | [0] Inauguration by Director, TIFR  |                            |
| 09:30 | [1] Perspectives of FAIR India  | Dr BHANDARI, R.K.          |
| 10:00 | [2] The Stored Particle Atomic Research Collaboration (SPARC) and New Opportunities for Atomic Physics                                | Dr SCHUCH, Reinhold        |
| 10:30 | High Tea  |                            |
| 11:00 | [3] FAIR Opportunities for atomic physics with relativistic highly-charged ions   | Dr BRAUNING-DEMIAN, Angela |
| 11:30 | [4] QED: towards (super)-critical fields  | Dr GUMPERIDZE, Alexandre   |
| 12:00 | [5] Relativistic many-body theories of atomic systems: probing spectroscopy to fundamental physics                                    | Dr SAHOO, B.K.             |
| 12:25 | [6] Radiative decay from Li-like ions   | Dr L, Natarajan            |
| 12:50 | Lunch   |                            |
| 14:00 | [7] Recent investigations in atomic collisions using fast ions in TIFR  | Dr TRIBEDI, Lokesh C       |
| 14:30 | [8] Ion molecule collisions   | Dr SAFVAN, C.P.            |
| 14:55 | [9] Radiative transition from autoionizing states of two-electron ions  | Dr BHATTACHARYA, S.        |
| 15:20 | [10] Fluorescence-active autoionizing states in He-like ions: observation of $2p3d(1P^o) \rightarrow 1s3d(1D^o)$ radiative transition | Mr KASTHURIRANGAN, S.      |
| 15:45 | Tea   |                            |
| 16:10 | [11] An ECR based accelerator for low energy highly charged ions  | Dr KELKAR, Aditya          |
| 16:35 | [12] Single-particle/photon counting MCP detectors and more   | Dr SCHOESSLER, Sven        |
| 16:50 | Lab Visit   |                            |
| 17:30 | [13] Poster Session   |                            |
| 18:45 | [14] Discussions  |                            |
| 19:15 | Dinner  |                            |