

## Minutes of the VC meeting on 'High Energy & Astro physics '

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Moderator – Prof. Yashwant Gupta ( NCRA) and Dr. Sundararajan (C-DAC)

Date and Time – 04 Mar 2008 - 2 PM to 2:45 PM

1. List of participants:

Dr. Y. Gupta (NCRA), Dr. Sundararajan (CDAC-Pune), Dr. Devendra Sharma (IPR), Prof. B.P. Das & Tapan Mishra (IIA), Ms. Mangala (CDAC-Bangalore)

2. It was generally felt that plasma physics could be included in this virtual community

3. List of interested institutions and representatives:

NCRA -- Prof. Y. Gupta

IUCAA -- Ms. Sarah Ponrathnam

IIA -- Dr. P.K. Rajaguru & Dr. Jayanta Murthy

RRI -- Mr. R. Nandakumar

HRI -- Dr. Bagla

PRL --

IPR -- Dr. Devendra Sharma

IIMSc -- Rahul Basu

Dr. Sundararajan to check with RRI, PRL & IIMSc;

Dr. Gupta to check with IUCAA and HRI

4. Kinds of activities / requirements:

Data intensive compute applications -- e.g. NCRA

N-body type simulations -- e.g. HRI, IUCAA

Data mining and virtual observatories -- e.g. VO program of IUCAA

High-energy physics - lattice QCD computations

5. Possible action items:

1. A mailing list of members -- Dr. Sundararajan

2. VO tools on Garuda: to be explored with IUCAA in the next VO meet – Dr. Y. Gupta & Dr. Sunder Rajan

3. Repository of tools within the group

4. Sharing of results and publications

5. Video conferencing and telecasting of events

6. Identification of a grand challenge problem (requiring computation) for the whole group

Resource requirement (from Garuda) to be drawn-up based on the above, e.g.

1. Requirements for video conferencing

2. Do we have the resources for chat or some other communication tool over Garuda

3. Requirements for repositories of tools, publications etc