

**INFORMATION TECHNOLOGY RESEARCH ACADEMY (ITRA)
BRAINSTORMING MEETING
SCIENTIFIC SOFTWARE TOOLS: DEVELOPMENT AND PROBLEM SOLVING**

**Mantrana, Room No-1007, Electronics Niketan, CGO Complex, New Delhi-110003
August 24, 2019**

Agenda

Start	End	
8:30	9:00	Registration
9:00	10:00	Opening Session Shri Ajay Prakash Sawhney, Secretary MeitY Shri M. S. Rao, IAS, MD&CEO, DIC Dr. B.K. Murthy, Scientist G & Group Coordinator, MeitY Dr. Akshai Runchal, Expert, CFD and Multiphysics Prof. Narendra Ahuja, Director, ITRA
10:00	11:00	<u>PRESENTATIONS</u> Everyone Gives a 4-min Presentation on the Definition/Summary of Two Societal/National Problems Requiring <ul style="list-style-type: none"> • Scientific software tools, and • Having high scientific and/or day-to-day impact
11:00	11:20	Tea Break
11:20	1:00	<u>BREAKOUT GROUPS</u> Form 4 Groups, Each having Computational Similarities Among Their Problems Each Group <ol style="list-style-type: none"> 1. Forms clusters of their problems according to the required computational capabilities. 2. Describes the required computational tools; is there a clustering here? 3. Lists names of all the stakeholders (End Users, Government, PSU's, Industry, Any Others), who should be invited to a bigger meeting, to be held to formulate exact problem statements for each problem/tool cluster. <p style="text-align: center;">Additional Questions for Each Group:</p> <ol style="list-style-type: none"> 1. What are the low hanging fruits? 2. Can the tools be independent products/services? 3. Whatever else is relevant.
1:00	2:00	Lunch Break
2:00	3:00	<u>PRESENTATIONS</u> Each Group Presents a Summary of its Findings: Major Problems, Tool Clusters, Low Hanging Fruits and Stakeholders

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3:00	3:45		Feedback on the Presented Major Problems, Tool Clusters, Low Hanging Fruits, Stakeholders
3:45	4:15		Based on the Feedback, Each Group Updates its Summaries
4:15	5:00		10-min Presentations of the Updated Summaries
5:00	5:30		<ol style="list-style-type: none"> 1. Does a National Multi-Institutional Initiative to Solve the Identified Problems and Simultaneously Develop the Required Tools Make Sense? If so, 2. What should be its Scale? 3. What should be the Role of Industry?
5:30	5:45		Way Ahead