FOREWORD

From the early days of simple E and $\Delta E-E$ detectors, experimental nuclear physics has evolved to a fine tuned system of high precision multi-detector arrays, designed to measure multiple pre-defined parameters at the same time. Thus, during the Golden Jubilee year of Saha Institute of Nuclear Physics, it is most appropriate that a workshop on multi-detector array is organized. It is particularly nice that our immediate colleagues from other parts of India and especially from abroad have joined us in this workshop. Given the large-scale investment necessary for such extensive and complex detector system, such workshop goes a long way to prepare the grounds for national and eventually international collaboration and obvious scenario to come.

Our own efforts towards MEGHNAD – a multi-element detector array for heavy ion collision studies has been enjoying a modest success with the associated data acquisition system. We of course look forward to the national array to be used at VECC and later at superconducting cyclotron facility here in Kolkata, at the Nuclear Science Centre, New Delhi and at the Pelletron Laboratory, Mumbai.

The field of exotic nuclei has been attracting fair amount of interest, nuclei with unusually (anomalous?) large number of neutrons, for example, require complex system of detectors, thus looking into the future such detector system will grow to even larger scale and turn more and more complex. Workshop of this kind such as PMDA will play a very definitive role along such routes of progress and 'nuclear' adventure.

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