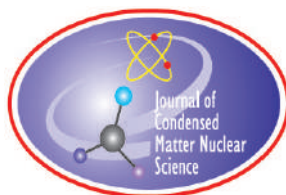


# **JOURNAL OF CONDENSED MATTER NUCLEAR SCIENCE**

**Experiments and Methods in Cold Fusion**

**VOLUME 8, May 2012**



# **JOURNAL OF CONDENSED MATTER NUCLEAR SCIENCE**

Experiments and Methods in Cold Fusion

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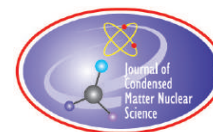
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# JOURNAL OF CONDENSED MATTER NUCLEAR SCIENCE

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## PREFACE

It is a little over a year since the 16th International Conference on Condensed Matter Nuclear Science (ICCF 16) was held in Chennai, India, during February 2011. In all 85 registered participants attended the meeting of whom 55 were from overseas. Altogether 52 papers were presented inclusive of both oral and poster presentations. Of these, this first volume of the special issue of EJCMNS on ICCF 16 papers includes 20 reviewed and accepted papers.

The year gone by has indeed been a tumultuous one for the field of Condensed Matter Nuclear Science with a major breakthrough in nickel-hydrogen systems "seeming to have taken place". I say seeming because there are no peer reviewed papers on the new claims although many observers are inclined to believe, based on the reported third party witnessed semi-public demonstrations, that a breakthrough in releasing industrial level nuclear heat has indeed taken place for the first time in CMNS history since the inception of the field. These events have brought to the forefront the clash of interests between the traditional scientific procedure of reporting new findings in peer reviewed publications on the one hand and the reluctance of inventors to give out details of their discovery/invention with a view to protect the commercial and market interests of their research on the other hand. The inventors of the new Ni-H reactor technology have obviously preferred to follow the second path. However, we are confident that the science underlying these inventions will eventually get published and integrated into the body of knowledge regarded as Science, following established scientific traditions. Thus at this point in time it does appear that the field of CMNS is witnessing a major turning point of sorts.

The papers included in this issue will hopefully serve to provide a more complete picture of the Science behind these novel Low-energy Nuclear Reactions which are destined to play a crucial role in moving Nuclear Science forward into uncharted and exciting realms in service of humanity!

*Mahadeva Srinivasan*  
*Chairman, Organizing Committee for ICCF 16*  
*May 2012*