Experiments and Methods in Cold Fusion

Editor-in-Chief
Jean-Paul Biberian
Marseille, France

Editorial Board

Peter Hagelstein
*MIT, USA*

Xing Zhong Li
*Tsinghua University, China*

Edmund Storms
*KivaLabs, LLC, USA*

George Miley
*Fusion Studies Laboratory, University of Illinois, USA*

Michael McKubre
*SRI International, USA*
JOURNAL OF CONDENSED MATTER NUCLEAR SCIENCE

Volume 23 2017

CONTENTS

PREFACE

RESEARCH ARTICLES

A Study on the Possibility of Initiating Tungsten Alpha Decay Using Electric Explosion
and K.A. Alabin

Simulation of the Behavior of Exotic Neutral Particles by a Monte-Carlo Modelisation
Jacques Ruer

Nuclear Catalysis Mediated by Localized Anharmonic Vibrations
Vladimir Dubinko

Electron Deep Orbits of the Hydrogen Atom
J.L. Paillet and A. Meulenberg

Calorimetric Investigation of Anomalous Heat Production in Ni–H Systems
K.P. Budko and A.I. Korshunov

Perspective on Low Energy Bethe Nuclear Fusion Reactor with Quantum Electronic
Atomic Rearrangement of Carbon
Stephane Neuville
Preface

ISCMNS workshop 15–16 October 2015

The workshop was sponsored by Airbus and held at their Blagnac Center near Toulouse, signifying that this company is interested in the LENR field. About 50 people attended the event, mainly from France but also seven from Russia and seven from the U.S. There were 15 presentations and a lot of discussions, sometimes passionate! While it might seem normal that French researchers should attend a conference in their own country, still, it was good to see so many French researchers present their work in the LENR field, showing that LENR science is as much alive and well in France as it is in the rest of Europe. In addition, the workshop was the occasion for the French to announce a conference in French, which took place in Avignon on March 2016. Industries, in addition to Airbus, were also well represented showing that LENR is of interest to the industrial sector. As one of the organizers, together with William Collis and Jenny Darja Vinko, I would like to thank all those who have participated and I hope that they had a good time in Toulouse.

Sincerely,

Jean-François Geneste

(Airbus Group)

May 2017