

New advancements on the *Fleischmann-Pons Effect*:

paving the way for a potential new clean renewable energy source?

European Parliament - Brussels

Monday, 3 June 2013 from 16:30 to 18:45, Room Jozsef Antall 6Q1

The European community should become aware of the "state-of-the-art" of the studies on the Fleischmann-Pons Effect phenomenon and of the potential future perspectives in the field of Material Science and renewable, clean energy.

Energy densities measured during Fleischmann and Pons Effect (FPE) are hundreds, thousands and even tens of thousands times larger than the maximum energy associated to any known chemical process. This effect was first discovered in 1989 by two electrochemists Prof. Martin Fleischmann and Dr. Stanley Pons, by loading palladium with deuterium (an isotope of hydrogen). This excess energy is not associated with nuclear radiation and does not appear when light water (H₂O) is used.

ENEA (Italy), Stanford Research International (SRI, USA) and Energetics LLC (USA) have been collaborating on an alternative energy project since 2004 based upon the Fleischmann-Pons Effect (FPE). The Naval Research Laboratory (NRL, USA) joined the research team in 2008 and since 2010 also the University of Missouri was involved in the research in cooperation with Energetics. All the collaborating institutions, after several years of scientific review process, do not question the existence of this very strong isotope effect as FPE has been observed during experiments in the four laboratories.

The proposed event, tries to present the "situation point" of this promising research field and even to design the future steps at EU and International level.

Agenda

16:30-16:40 16:40-16:50	Opening statements Edit Herczog, MEP, Member ITRE Committee Giovanni Lelli, ENEA Commissioner
16:50-17:00 17:00-17:10 17:10-17:20 17:20-17:30 17:30-17:40	The Fleischmann-Pons Effect: status of the research Michael McKubre, Stanford Research International (SRI), USA Vittorio Violante, LENR Research Coordinator, ENEA, Professor Tor Vergata University, Rome, Italy Graham Hubler, Director of the Sidney Kimmel Institute for Nuclear Renaissance, USA Konrad Czerski, Professor, University of Szczecin, Poland and Technische Universität Berlin, Germany Robert Duncan, Vice Chancellor for Research, University of Missouri, USA
17:40- 18:20	Round Table - Industry interests and role Moderator: Aldo Pizzuto, Head of Technical Unit for Nuclear Fusion, ENEA Stefano Concezzi, Vice President Scientific Research, National Instruments, USA P.J. King, Director General, ReResearch LLC, Ireland Antonio La Gatta, President TSEM Engineering and Electronics, Italy Andrea Aparo, Professor, Sapienza University of Rome & Politecnico di Milano, Senior Advisor to the CEO Ansaldo Energia SpA, Italy
18:20-18:40	The importance of materials research in the upcoming H2020 Programme Herbert Von Bose, European Commission, DG RTD, Director – Industrial Technologies
18:40-18:45	Closing Statements Edit Herczog, MEP, Member ITRE Committee

Networking Cocktail