ICCF

18

JULY 21-27, 2013

UNIVERSITY OF MISSOURI

COLUMBIA, MISSOURI USA

ICCF 18 Statistics
July 26, 2013

LENR Introductory Short Course

Sunday, July 21, 2013

28 participants **7 presenters**

Topics Covered

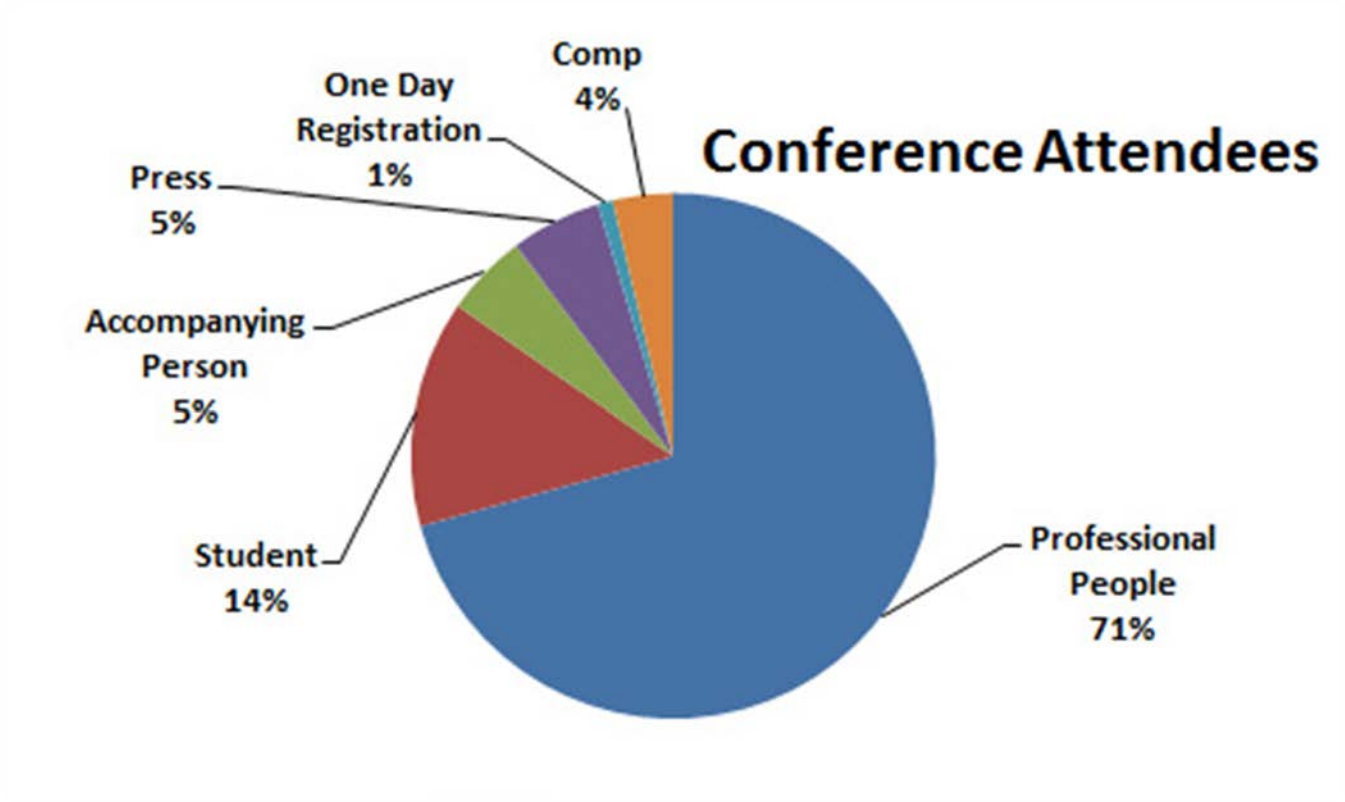
1. Ni-H Gas Loading and Heat Data
2. Transmutation Data and Issues
3. Materials Status and Challenges
4. Pd-D Electrochemical Loading and Heat Data
5. Theoretical Status and Challenges
6. Legal Aspects and Intellectual Property
7. Engineering, Testing and Applications

Hosted by

NSIC
National Security Innovation Center
College of Engineering
University of Missouri

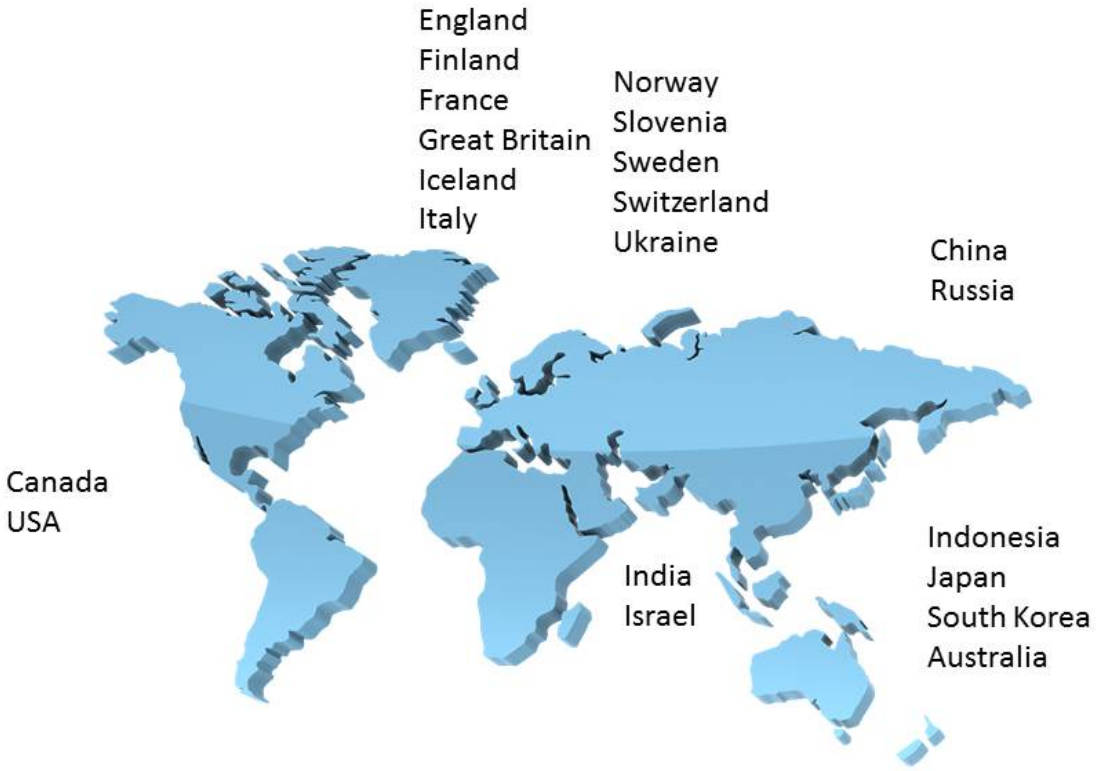
ICCF 18 Main Conference
July 21-26, 2013

215 Attendees



ICCF 18 Main Conference

From 21 Countries



ICCF 18 Main Conference

Youngest attendee – High school senior (female) from Aviation High School, a magnet school in Oregon

Young Turks (men and women) – New generation of college students and young professionals

Grand ole Men and Women – Oldest attendee is John Fisher (93)

ICCF 18 Main Conference
Professional Activities

- 2 Keynotes
- 83 Oral Presenters
- 40 Posters
- 5 Labs toured over 3 days (23 total tours)
- 5 Technical Panels
- 5 Exhibits

Career Opportunities

Defkalion and University of Texas Demos

ENEA Workshop

Entrepreneurial Efforts

Martin Fleischmann Memorial Project Update

ICCF 18 Main Conference
Social Events

Conference Attendee Group Picture

Welcome Reception

Banquet

ICCF 18 Main Conference Awards

Distinguished Scientist Award

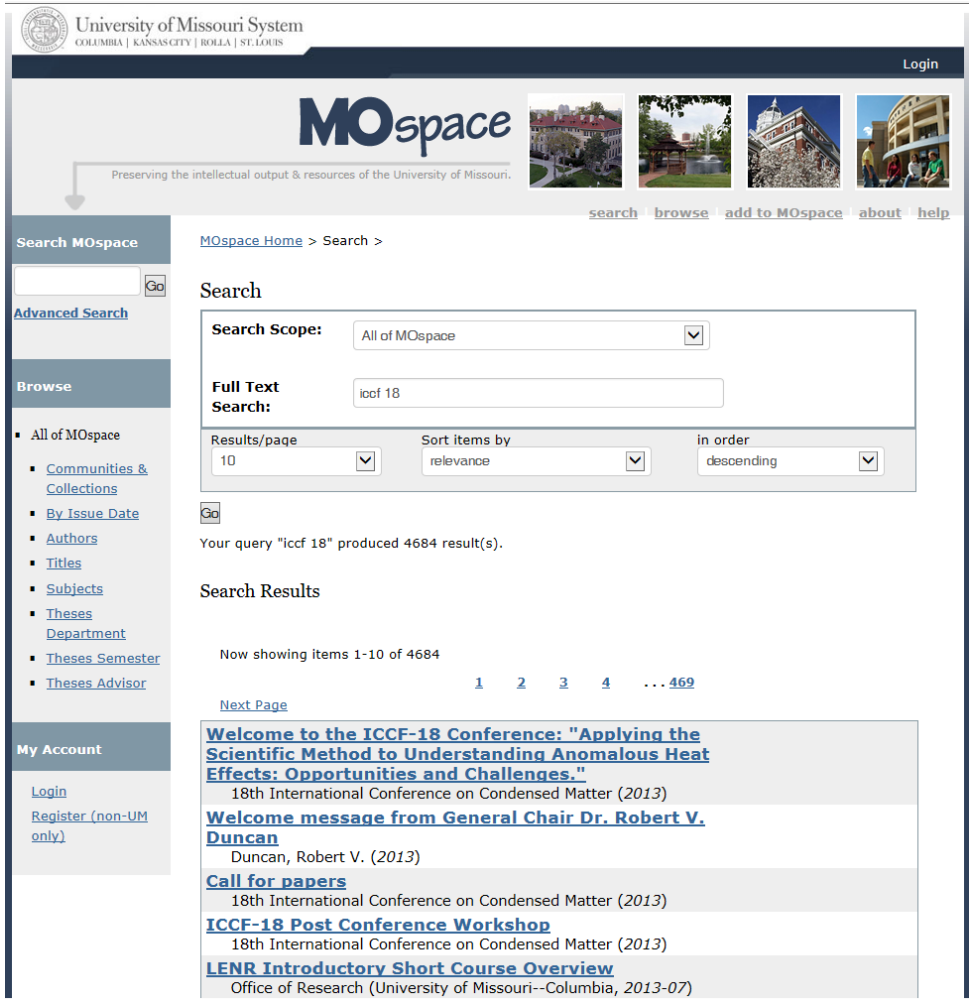
Dr. Edmund Storms

2013 Preparata Medal

Dr. Pamela Mosier-Boss

ICCF 18 Main Conference

Access to Conference Materials



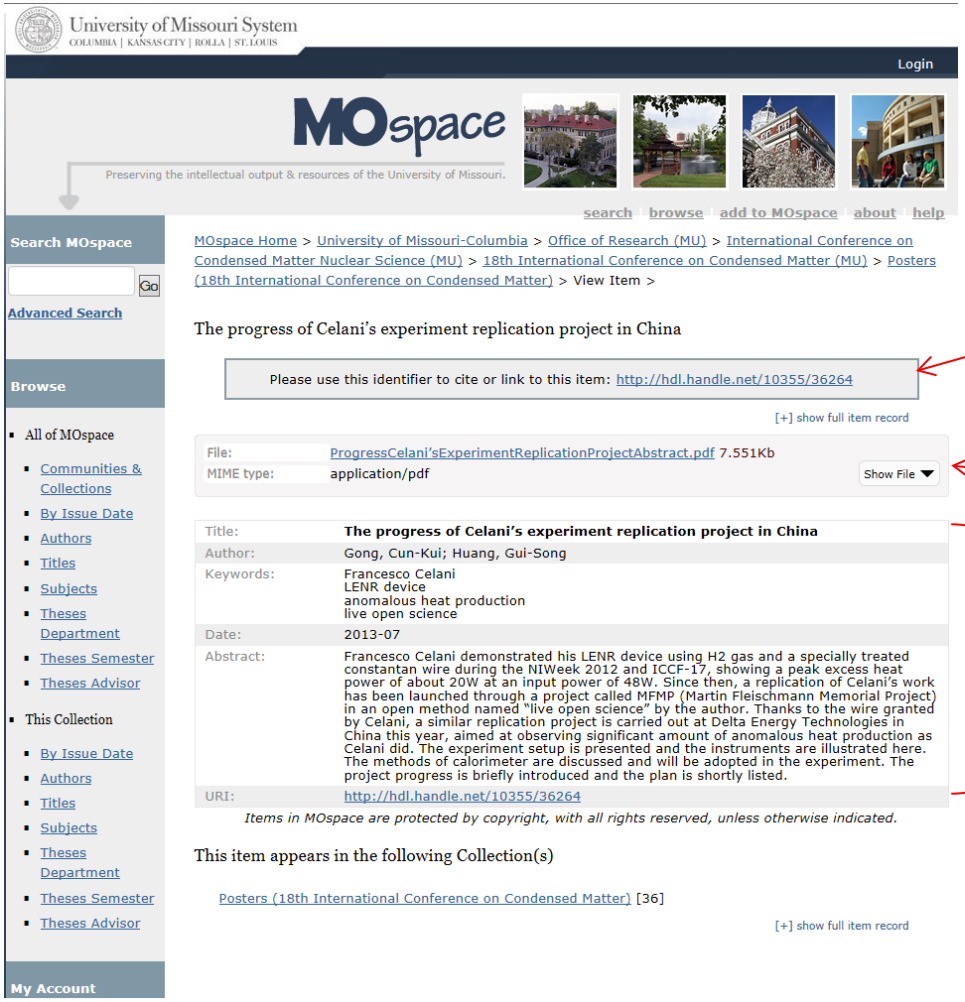
https://mospace.umsystem.edu/

In Search Box use
ICCF

Can also search on
presenter's name

ICCF 18 Main Conference

Access to Conference Materials



Example of Poster

Link directly to entry

Actual poster will appear here after the conference

Title and abstract

Post Conference Workshop

July 28 – August 2, 2013

'Enabling Innovation and Scientific Discovery through Graphical System Design'

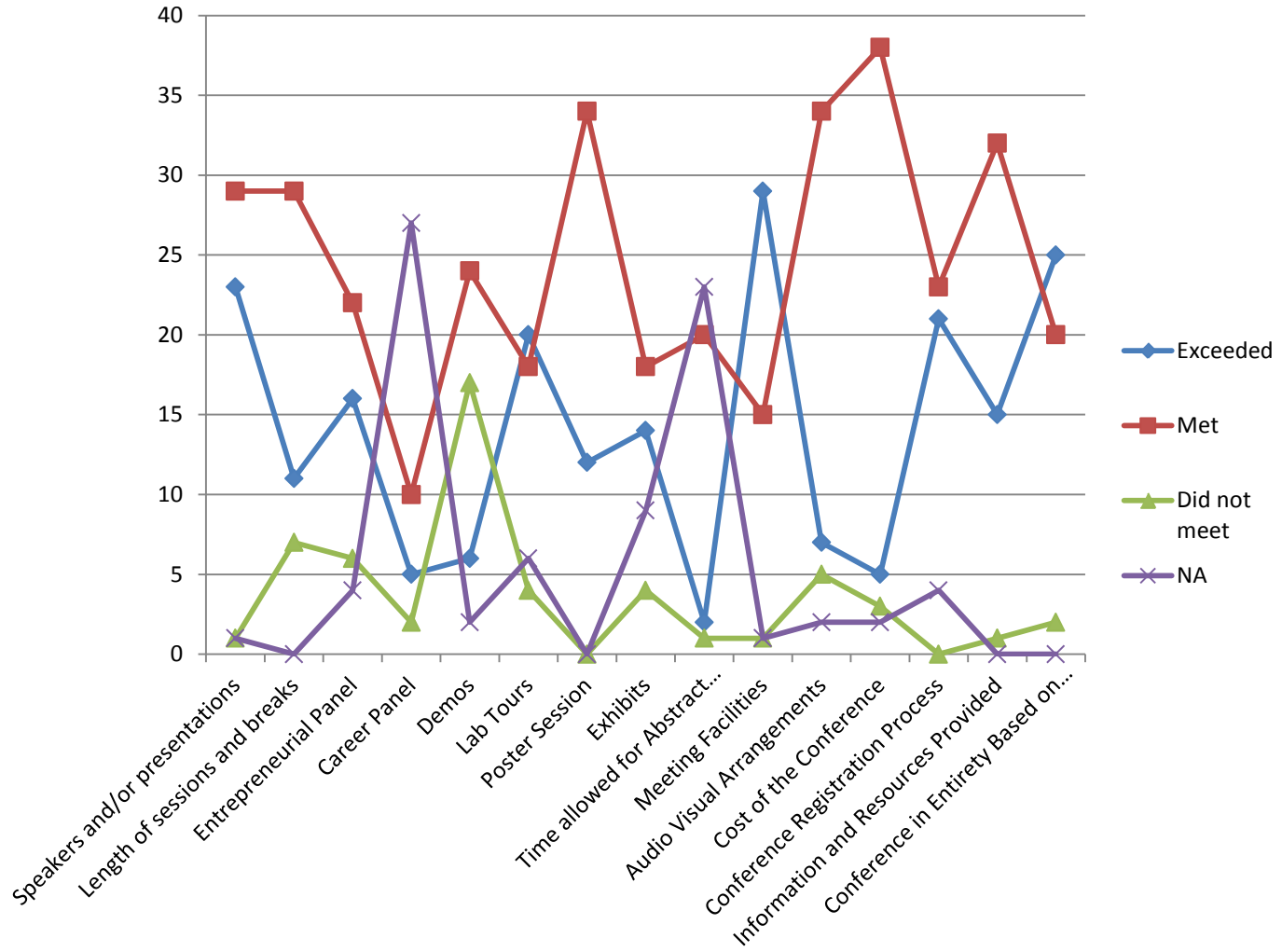
Hosted by National Instruments and University of Missouri

19 registrants **2 classes over 5 days**

Classes worth approximately $3,000 for $350 registration fee

1. **Graphical System Design for Control, Measurement and Diagnostics (3 days)**
2. **Data Acquisition and Signal Conditioning (2 days)**

ICCF 18 Evaluation



ICCF 18 - Media

National Placements

07/15/13	Associated Press
07/15/13	St. Louis Post-Dispatch
07/22/13	Cold Fusion Now
07/24/13	Wired (United Kingdom) http://www.wired.co.uk/news/archive/2013-07/24/cold-fusion

NOTE: This also ran in 88 other national blog and media websites.

State Placements

07/15/13	*Columbia Daily Tribune*
07/16/13	*Springfield News Leader*
07/16/13	KY3-TV – Springfield, mo.
07/16/13	KCTV-TV – Kansas City, Mo.
07/21/13	*Columbia Missourian*
07/22/13	KOMU (3 stories)
07/22/13	*Columbia Daily Tribune*
07/24/13	*Columbia Daily Tribune*

NOTE: This also ran in 21 other state media outlets.

MU snags worldwide nuclear fusion conference - Columbia Daily Tribune: Education

MU snags worldwide nuclear fusion conference

Karyn Spory | Posted: Monday, July 15, 2013 2:00 pm

In 1991, Mark Prelas, a professor of nuclear engineering at the University of Missouri, was forced to stop his research on low-energy nuclear reactions, also referred to as "cold fusion," after the scientific community deemed the discovery of the tabletop nuclear reaction was a fluke.

Today, not only is Prelas revisiting the potential of low-energy nuclear reactions — or LENR — but next week, MU will host the 18th International Conference on Condensed Matter Nuclear Fusion.

The process known as cold fusion, a reaction creating unexplained heat effects, was discovered by two Utah researchers, Martin Fleischmann and Stanley Pons, more than two decades ago. However, scientists were later unable to duplicate the results, so the possible energy source was written off by many experts.

Founded with a $5.5 million donation last year from apparel tycoon and Jones Group founder Sidney Kimmel, MU's new Sidney Kimmel Institute for Nuclear Renaissance has allowed Prelas and a team of researchers to revisit tabletop fusion and try to understand the mechanics of the science.

"What we're doing is developing tools to just look at very basic things occurring in this event," Prelas said.

"The fact that we're seeing something here that we don't understand — I see it as a huge opportunity for basic physics research to try to understand why we don't understand it," said Robert Duncan, vice chancellor of research at MU and co-chairman of the upcoming conference.

Duncan said the conference has grown as a result of people continuing to work to explain the mysterious form of excess heat. He said although the conference will feature companies looking to make reactors that will produce energy from the basic understanding of LENR, for now MU's researchers will continue to investigate just how this energy forms.

"I would like to understand the underpinning physics because once you understand what's going on, you have a way of predicting and designing things that may be useful," Duncan said.

Annette Sobel, assistant to the provost for strategic opportunities and program organizer for the conference, said this is the first time the conference has taken place in the Midwest.

She said she and Duncan went to South Korea, the site of last year's conference, and pitched MU — with its research reactor and the Kimmel Institute — as the perfect academic hotbed to host the 18th annual conference.

Sobel said the conference will be a good way to promote not only MU but also the region. "We have Ameren, the emphasis on alternative energy to include biofuel and also the fact this region is engaged in work in small modular reactors," she said.

Sobel said the entire condensed-matter community, which includes at least 30 countries, will be represented at the conference. The conference will run from Sunday through next Friday.

This article was published in the Monday, July 15, 2013 edition of the Columbia Daily Tribune with the headline "MU snags worldwide nuclear fusion event: Controversial field sees more interest."

MU to host international nuclear fusion conference News-Leader.com July 16, 2013

COLUMBIA — An international conference on low-energy nuclear reactions will bring representatives from at least 30 countries to Columbia next week.

The 18th International Conference on Condensed Matter Nuclear Fusion will be held at the University of Missouri from Sunday through Friday.

Annette Sobel, assistant to the provost for strategic opportunities and program organizer for the conference, said this is the first time the gathering has taken place in the Midwest.

The process known as cold fusion, a reaction creating unexplained heat effects, was discovered by two Utah researchers, Martin Fleischmann and Stanley Pons, more than two decades ago. Scientists were later unable to duplicate the results, however, so the possible energy source was written off by many experts, The Columbia Daily Tribune reported (http://bit.ly/18hHDtX).

Founded with a $5.5 million donation last year from apparel tycoon and Jones Group founder Sidney Kimmel, the university's new Sidney Kimmel Institute for Nuclear Renaissance has allowed Mark Prelas, a professor of nuclear engineers at the university, and a team of researchers to try to understand the mechanics of the science.

"What we're doing is developing tools to just look at very basic things occurring in this event," Prelas said.

Robert Duncan, vice chancellor of research at Missouri and co-chairman of the upcoming conference, said the conference has grown as a result of people working to explain the mysterious form of excess heat.

Duncan said although the conference will include companies considering reactors that will produce energy from the basic understanding of the process, for now Missouri researchers will concentrate on investigating how the energy forms.

"I would like to understand the underpinning physics because once you understand what's going on, you have a way of predicting and designing things that may be useful," Duncan said.

Written by the Associated Press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