

## LENR Research Documentation Initiative

*Objectives, Procedure, Participants, Future Opportunities*

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## The Risk of Loss of LENR Research Results

1. LENR was rejected by mainstream science within a year or so after its 1989 announcement.
2. The field became a pariah science – and remains so.
3. Relatively few new researchers have been attracted to the field.

## The Risk of Loss of LENR Research Results

4. Many LENR researchers began investigations not long after the announcement.
5. Now 30 years later many are leaving the field.
6. Consequently the results of their work is at risk of being lost.
7. Such loss will be a tragedy not only for the LENR field, but also for the world.

## LRDI Overview

- Mitigates the loss of LENR research results
- Preserves records for additional analysis and interpretation
- Enhances awareness of investigators' LENR research (dedicated website)
- Assists with long-term archiving
- Keeps cost to researchers minimal (zero)
- Is located at the Energy Institute, The University of Texas at Austin
- Receives support from **Anthropocene Institute**

## LRDI Procedure

- Overall template with flexibility for each researcher
- Inventory of research components
- Incremental progress in each project
- Memos to record capture of each element
- Site visits as required
- Researcher interviews
- Development of sequence/timeline
- Reports for 3 Stages (collection, organization, documentation)
- Joint access to Cloud storage (e.g., Dropbox)

## Typical Components

- Publicly-available items
  - Papers
  - Presentations
- Unpublished reports
- Electronic files
  - Data
  - Documents
- Hardcopy files: for scanning
- Professional biography
- Interviews
- Lab notebooks
- Collection of LENR publications
  - Papers by other authors
  - ICCF proceedings
  - Other LENR journals (e.g., JCMNS, Infinite Energy)

## LRDI Project Stages

1. Information Collection
  - ✓ Securing Project Components
  - ✓ Onsite visits as needed
  - ✓ Scanning of hardcopy files
  - ✓ Dropbox for shared access
  - ✓ Memos to record findings
  - ✓ Utilization of LENR-CANR.org
2. Organization
  - ✓ Fitting the pieces together
  - ✓ Timeline approach
3. Documentation
  - ✓ Build on memos
  - ✓ Description of all Components
  - ✓ Delineation of research phases

## Participants

- Total of 11 so far
- Eight have given permission to mention
  - Edmund Storms (pilot project)
  - Tom Claytor and Malcolm Fowler
  - SKINR (Dennis Pease and Arik El-Boher)
  - Chino Srinivasan
  - David Nagel
  - Dennis Letts

## Example: Srinivasan Stage 1 Collection of 44 Papers



## Future Opportunities

- More in-depth coverage for selected participants (Stages 2, 3)
- “Leaching the tailings”: re-analysis and interpretation with new understanding
- Long-term repository for archiving
- Ownership considerations
- Website development
- Additional participants (Stage 1)
- Now scheduling for Summer 2019

## LRDI Origins (Pilot Project)

- Edmund Storms’ 29 Years of LENR Research
- Presented at ICCF-21, June 2018
- 7 Components of Research Record
- 8 Phases of LENR Investigation
- Stage 1, 2, and 3 Reports
- Summary Report
- Supplemental project underway



## Contact

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## Website Underway

- Communicates LENR research accomplishments of participants
- Provides LRDI information for candidates
- Involves voluntary inclusion by each researcher
- Inclusion is not an LRDI requirement
- [www.lenr-documentation.org](http://www.lenr-documentation.org)

## In Memorium

- Dr. Martin Fleischmann
- Dr. Andre Lipson
- Dr. Talbott Chubb
- Dr. Scott Chubb
- Dr. John Dash
- Dr. Alexander Karabut
- Dr. James Patterson
- Dr. Stan Szpak
- Dr. Yan Kucherov
- Dr. J.O'M. Bockris
- Dr. Richard Oriani
- Dr. Yuri Bazhutov
- Dr. Yoshiaki Arata

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## Energy Institute Overview

- **Mission**
  - Leverage breadth and depth of UT expertise
  - Educate the energy leaders of tomorrow
  - Inform energy policymaking
- **Research**
  - Multidisciplinary energy projects
  - Partnership with industry, government, non-profits
- **Policymaking**
  - Inform public discourse with impartial research
  - Address energy production, demand, use
  - Include energy systems in US and internationally
- **Education**
  - Energy-themed interdisciplinary programs
  - Workshops and symposia

## 13 Years of LENR Experience

- UT LBJ School of Public Affairs, starting 2006
- MPAff report on public policy for LENR support
- Policy research for LENR support
  - ICCF-14, 17, 19, 20
- Policy research for mitigating secondary impacts
  - ICCF-17, 19
- Assistance to researchers and interested parties (e.g. National Instruments)
  - ICCF-18, 21

## Pre-LENR Experience

- BS, MA, Ph.D., Geology
- Environmental Geology Career
  - Baseline characterizations (e.g., NEPA)
  - Site investigations and cleanup (e.g., RCRA, CERCLA)
  - Primarily in project management
- Long Affiliation with UT Austin
  - Two geology degrees (MS, PhD)
  - Master of Public Affairs, LBJ School
  - Energy policy research: LENR support, secondary impacts