


# LENR Research Documentation

## What Have We Learned So Far?

**1** **ICCF24** **LENR Research Documentation Initiative**


- Objectives
  - Capture records while still available
  - Preserve for reanalysis
  - Honor the LENR "heroes"
- Origin: Storms Pilot Project
- Host: LENRGY, LLC
- Preceded by...
  - LENR public policy analysis
  - Assistance to interested parties



Grimshaw & Storms at ICCF-18

**2** **ICCF24** **LENR Research Documentation Initiative**

- Methods
- Status
  - 66 Participants
  - 77 Projects
  - 88 Reports
- Outreach
  - 66 Infinite Energy Articles
  - 77 ICCF
  - 88 JCMNS



LRDI Procedure

**3** **ICCF24** **What Have We Learned About....**

- LRDI Projects
- Participants
- Records
- Preservation & Archiving
- Interviews
- Status of the LENR Field
- Future Opportunities



Participant: George Miley



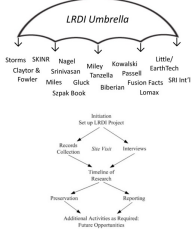
Records: Dave Nagel



Archive: Storms at Marriott Library

**4** **ICCF24** **What Have We Learned About.... LRDI Projects?**

- LRDI Umbrella for Projects
- Systematic Procedure
- Site Visits Essential
- Hands-on Record Collection
- Interviews Best Conducted in Person
- Confidential with Participants
- Document with Memos Leading to Report
- "Live" & "Legacy" Projects



LRDI Umbrella


**5** **ICCF24** **What Have We Learned About... Participants?**

As Researchers...

Competent	Conscientious	Professional	Articulate
Creative	Experienced	Honest	Opinionated
Dedicated	Fractious	Adventurous	Personable
Driven	Varied	Competitive	Opinionated
Secretive (sometimes...)	Open-Minded (mostly...)	Hardworking	Fun!

Regarding Projects...

Supportive	Engaging
Cooperative	Engaging
Receptive	Open
High Integrity	Enjoyable



Graham Hubler, Ashraf Imam, Dave Nagel

**6** **ICCF24** **What Have We Learned About... Interviews**

- Essential for LRDI Projects
- Complement to Records
- Necessary for Research Timeline
- More than One Is Best for Completeness
- The "Glue" for Reports
- In-Person Is Superior to Phone Recording
- Recording with Cell Phone App
- Phone Call Recording with APP
- Transcription by Online Service



Smart Recorder



Tape-A-Call




Rev.com

Used Successfully in LRDI

**7** **ICCF24** **What Have We Learned About... LENR Records?**

- Generally Two Types
  - Documents
  - Data
- Main Variables
  - Original data type
  - Collection & recording
  - Media (hardcopy, electronic)
  - Completeness
  - Recordkeeping methods
  - Retention, preservation
- Major Impact of the Digital Age!



Ed Storms with His Collection of LENR Papers (Left) and Books (Right)

**8** **ICCF24** **What Have We Learned About... Records Categories?**

- Publications & presentations
- Unpublished reports
- Electronic files: current & legacy media
  - Documents (reports, etc.)
  - Experimental data
- Hardcopy records
- LENR laboratory
- Lab and other notebooks
- LENR books and journals (library)
- Conference proceedings (e.g., ICCF)



SKINR Electronic Files



Nagel Hardcopy Files




Letts LENR Laboratory



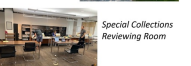
Miles Lab Notebooks

**9** **ICCF24** **What Have We Learned About... Preservation & Archiving**


- Different Solutions for Record Types
- Hardcopy Records: Univ. of Utah Marriott Library
  - "Home" of cold fusion
  - Strong interest in CF records
  - Substantial current holdings
  - LRDI pilot: Ed Storms, 11/2021
  - Tom Passell underway
- Electronic Records: Not Yet Determined
  - Currently backed up on two hard drives
  - Central repository needed
  - Need for access & confidentiality



Univ. of Utah Marriott Library



Special Collections Reviewing Room



File Storage Boxes

**10** **ICCF24** **What Have We Learned About... Status of the LENR Field?**

- Confirmations!
- Rejection & Marginalization
  - Hallmark of the field
  - Catch-22 situation
  - Barrier for reproducibility, explanation
- Research Community
  - "Circle the wagons" culture
  - Self-selection of interested parties
  - Loosely bonded, fractious members

You were rejected. Do you have evidence to assure me that funding is now warranted?

I need the funding to develop the evidence.

I'm sorry, if you don't have the evidence, I can't provide funding.



Catch-22 Diagram for Cold Fusion Status

**11** **ICCF24** **Future LRDI Opportunities**

- Seems Like "Just Getting Started"
  - More participants
  - Greater depth for existing projects
- Permanent Archive
  - Marriott Library for hardcopy
  - Solution TBD for electronic
- Integrated LRDI Report
  - What has been achieved?
  - What has been learned?
- Communications: Public Realm
  - Project reports to public realm
  - LRDI findings to broader scientific community
  - Advancing the LENR Cause: How can this effort improve the prospects of LENR?

**12** **ICCF24** **Thank You!**

- Participants (and Several Spouses!)
- Anthropocene Institute
- New Energy Foundation & IE Magazine
- Marriott Library, University of Utah
- LENR-CANR.org
- Ed Storms: LRDI and Marriott Library Pilot Projects

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