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Title: The National Security Data Solution (NSDS)

Author(s): Pruet, Andres Gabriel

Intended for: Presentation in the Student Symposium

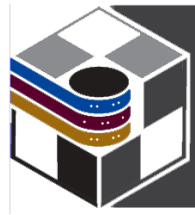
Issued: 2022-07-20



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The National Security Data Solution (NSDS)

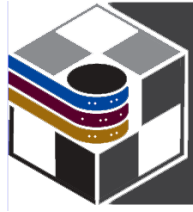
Presentation by Andres Pruet
(apruet@lanl.gov)



N.S.D.S.

NATIONAL SECURITY DATA SOLUTION

- Collection Owners
- Dataset Creators
- Researchers



N.S.D.S.

NATIONAL SECURITY DATA SOLUTION

Benefits:

- Long term storage
- Data management standards
- Reduce risk of redundant experiments



About

Contribute to NSDS


Available Data Sources 

Searching Authorized Published/Public Content

Limit to your 9 contributions (All statuses)

Advanced Search

Session History

 Saved Searches

Refine My Results

- Collection Name

- pRad 45510
- WETDL 971
- HE 414
- LAAWT 101
- EXIMG 19
- ski 7
- TwoColorEjectaData 4
- Woof 4
- cubs 3
- nba 3

Apply

Show More

+ Information Type

+ File Type

+ Contributor

+ Lanl Employee

+ Date

+ Subject

+ Originating Organization

Search...

SEARCH

RESET

10 Items Per Page 

Sorted By: Default (Information Type) 

Found 47073 results in 0.519 seconds.

1

2

3

4

5

6

...

4708

Include Metadata?  Download This Page of Results



pRad

pRad

Description: Proton Radiography Data | Origination Date: 2021-03-01T00:00:00

Created: March 12, 2021, 02:45 AM MST (1 years ago)



HE

HE

Description: LANL high explosive data | Organization: M-division

Created: May 12, 2022, 03:24 PM MDT (Last month)



cubs

cubs

Description: Chicago Cubs

Created: August 16, 2021, 01:47 PM MDT (11 months ago)

Collection
(E.g. Proton Radiography Data)

Data
(E.g. 2012 Shock Initiation 4)

Attachment

Attachment

Data

Attachment

Attachment

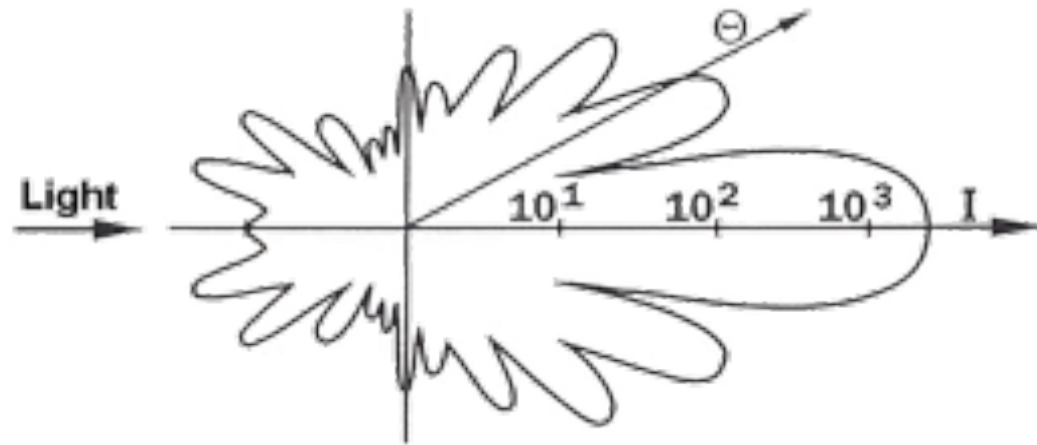
Regression Testing

- The core functionality of the application has to be tested regularly.
- More specific functionality has to be tested based on the updates being pushed.

1	Click	Click Also viewed by researchers who accessed this record... button	Displays the Similar Records data in a modal window	Firefox, Chrome, and Edge
2	Click	Click the X or the Close button	The modal window closes, and the Collection Detail Page displays	Firefox, Chrome, and Edge
3	Click	Click the Data Management tab	Displays Research Data Management, Research Data Descriptions, Migration Log, Descriptions Change History, Record Attachments, Attachment Versions, Creator, Authorized Editor, and Delete All.	Firefox, Chrome, and Edge
4	Click	Click the Details tab	Displays a list of all the attachments, Description, Access Information, Organization, Subject(s) and any other fields	Firefox, Chrome, and Edge

The First Small-Scale test

- The physics department was interested in ingesting some data from a particle light-scattering experiment.
- This presented some new challenges.



(From LaVision)