



OSCARS

Open Science Clusters' Action
for Research & Society

Funded Project

HiMagnetOS: High Magnetic Field Open Science

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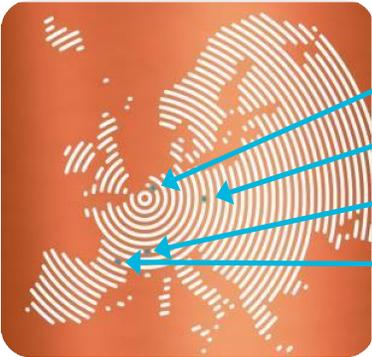


Funded by
the European Union

High magnetic field science community

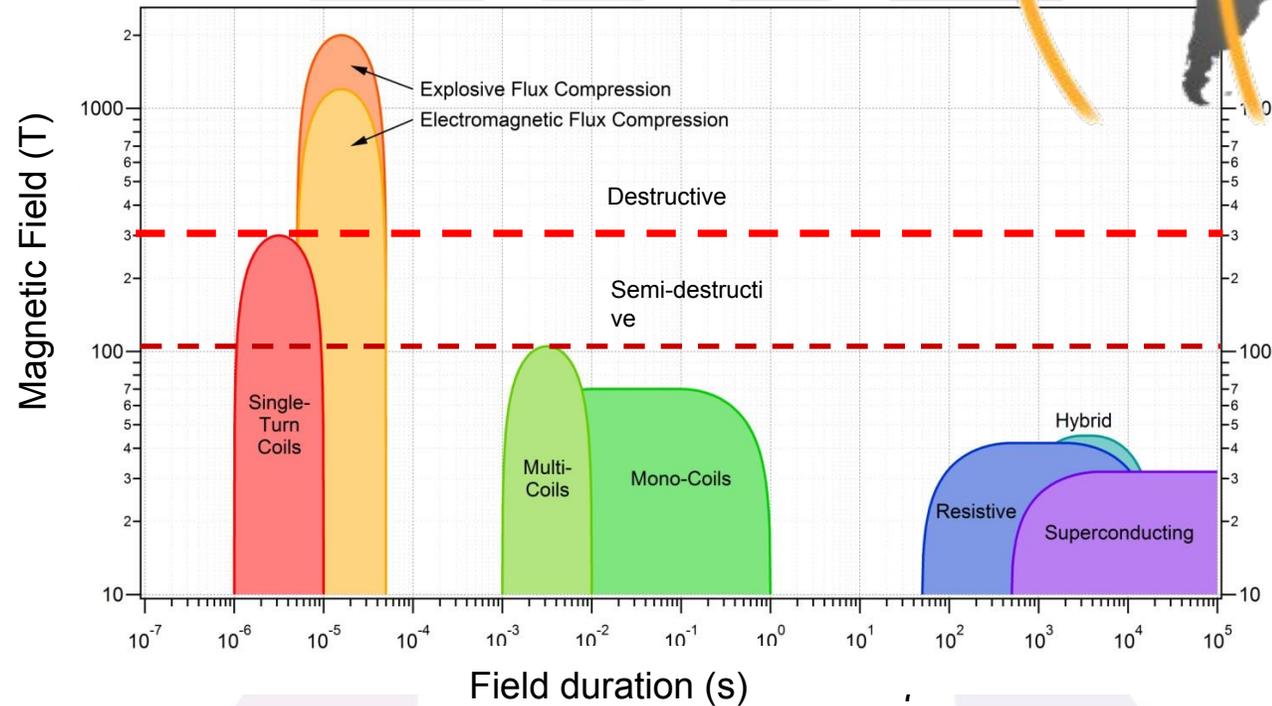
NATIONAL HIGH
MAGNETIC
FIELD LABORATORY

GLOBAL HIGH
MAGNETIC FIELD FORUM



- HFML – Nijmegen
- HLD – Dresden
- LNCMI –Grenoble
- LNCMI – Toulouse

Members:
UK, Poland, Italy, CEA

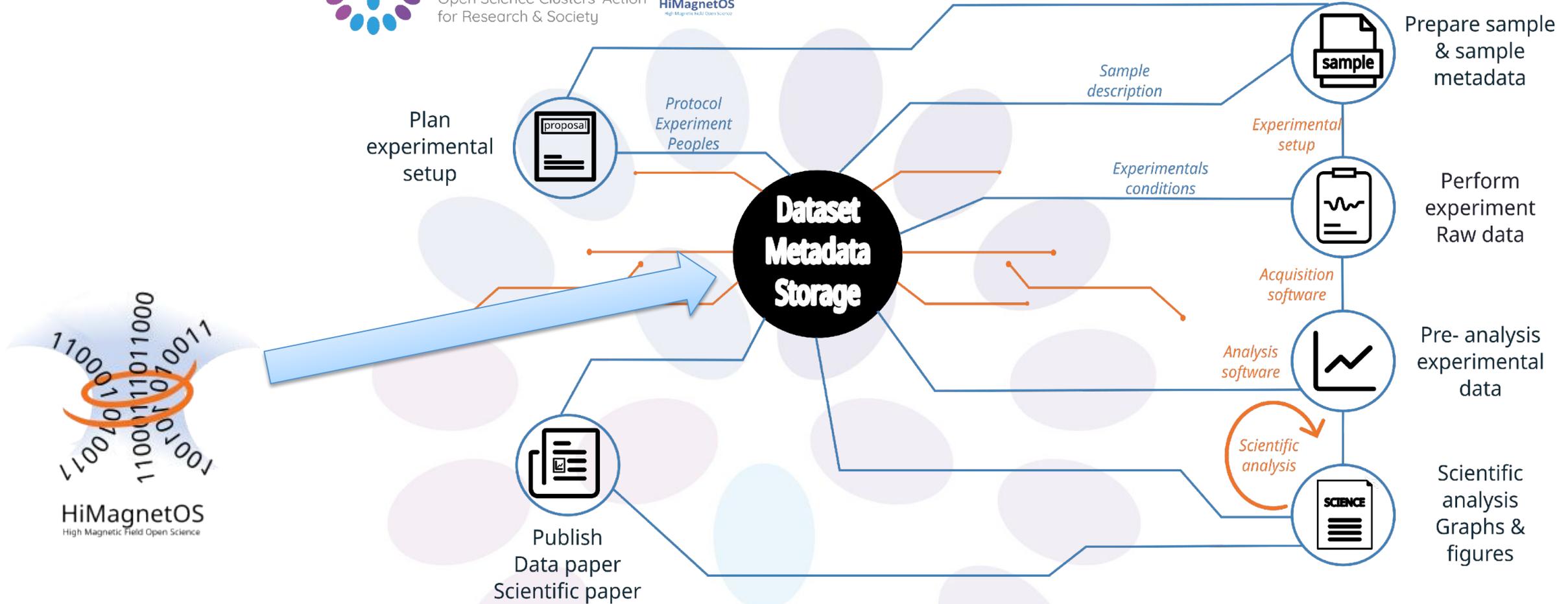


Wuhan National High
Magnetic Field Center



The University of Tokyo
The Institute for
Solid State Physics





High magnetic field data repository

Open sourcing data reduction software and data format

Identify & connect all data and metadata (PID)

Train users and local contacts

- Open data repository :
<https://entrepot.recherche.data.gouv.fr/dataverse/Incmi>
 - Open source data analysis software's repo:
<https://gitlab.in2p3.fr/himagnetos>
 - Metadata collection pipeline from machine data and lab notebook linked to each proposal :
Data choice and format done
But need to be implemented
 - Choice of existing tools to test : ICAT data portal, Scicat
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- Nicolas Bruyant : LNCMI Toulouse head of User support - 0000-0003-4697-4188
Open sourcing software, project leader
 - Christiane Warth : LNCMI Grenoble Planning
Metadata and proposals link
 - Sebastien Buisson & Stephane Levignac: IT support
IT architecture
 - short term positions:
 - Guillaume Le Goc: Software open sourcing - 0000-0002-6946-1142
 - Marilyne Druart: Database creation and metadatas
 - Ibrahima Barry: Icat and SSO proof of concept deployment
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