



AUTOMATISATION DU PROCESSUS D'IMPORT D'INIS

International Nuclear Information System
of the International Atomic Energy Agency, Vienna

SOMMAIRE

- Présentation de la base de données INIS
- Modes d'interrogation CD-ROM/En Ligne
- Sélection des documents: Équation de recherche
- Filtres d'imports: Configuration UPLOADER
- Méthode
- Conclusion

PRESENTATION DE LA BASE DE DONNEES INIS 1/3

- Généralités:

- Plus de 2,4 M Notices avec résumé.
- 500 000 full texts.
- Depuis 1970.
- Littérature scientifique et technique.
- Produit par l'IAEA.



- Domaines:

- Physique Nucléaire 7%
- Physique des Particules 6 %
- Instrumentations et Matériels 21%
- Chimie 7%
- Sciences de l'Environnement 5%
- Aspects Économiques et Politiques 3,4%
- Droit 0,6%
- Etc.

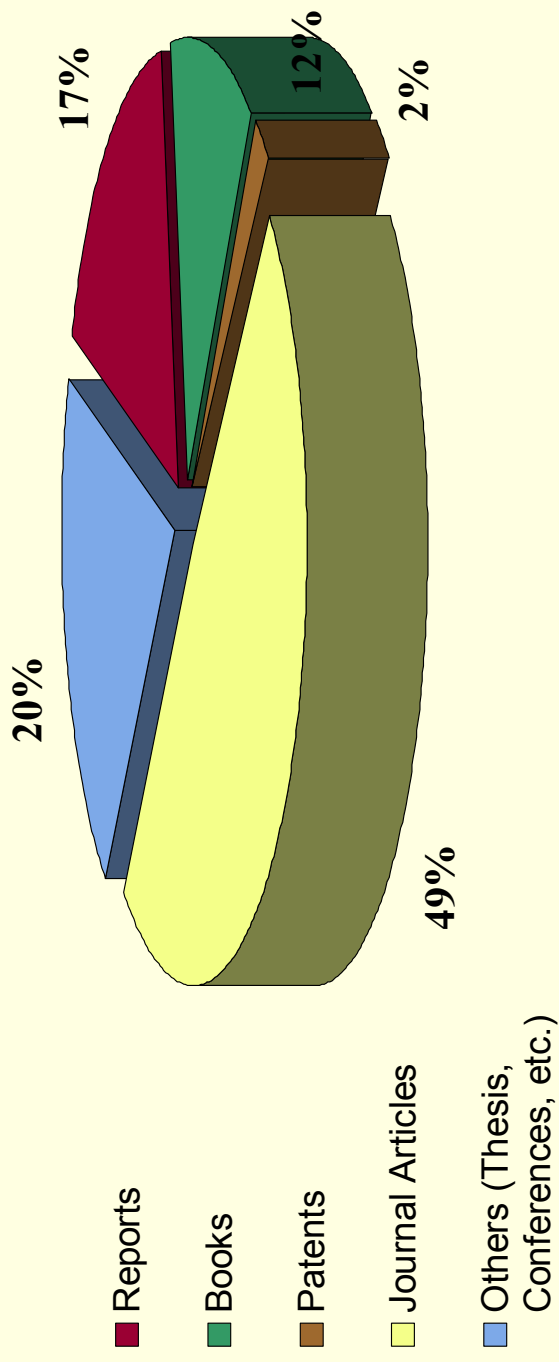
PRESENTATION DE LA BASE DE DONNEES INIS 2/3

- Contenus des Notices:
 - INIS Application Number
 - Titre et Auteurs
 - Résumé
 - Descripteurs
 - Catégories
 - Date de publication
 - Éditeur et Lieu d'Édition

- Contenus des CD-ROM NCL
 - Littérature Non Conventiionnelle
 - Reports, Preprints, Thèses.
 - 500 000 full texts
 - Format .tiff et .pdf (> 2001)
 - Volume/année

PRESENTATION DE LA BASE DE DONNEES INIS 3/3

Types de Documents



MODES D'INTERROGATION CD-ROM/EN LIGNE

	CD-ROM	EN LIGNE
Couverture	Depuis 1970	Depuis 1970
Mise à jour	Trimestrielle	Hebdomadaire (+ ou -)
Interrogation	Complexe Taille équation illimitée Pas de déconnection	Complexe Taille limitée Déconnection (temps limité)
Interface	Winspirs	-
Tri	Oui	Non
Visualisation	Toutes les notices	Notice/Notice
Exportation	Illimitée en .txt	Limitée en .html
Thésaurus	Oui	Oui
Listes d'autorités	Oui	Oui
Limites	Bcp. plus de Champs	Peu de Champs

SÉLECTION DES DOCUMENTS 1/2

- Equation de Recherche:
 - Basée sur le type de documents (Champs de type texte, valeurs multiples)
 - Thèses
 - Articles
 - Reports
 - Conférences
 - Basée sur les catégories INIS (Champs de type texte, valeur unique)
 - S07: Isotopes and radiations sources: BB
 - S43: Particle Accelerators: EE
 - S46: Instrumentation related to nuclear science and technology: DD
 - S61: Radiation protection and dosimetry: FF
 - S72: Physics of elementary particles and fields: AA
 - Basée sur l'Application Number INIS → VV-NNNNNN
 - Limites basées sur les types de documents → Pb recouvrement

SÉLECTION DES DOCUMENTS 2/2

- Exemple: (((S07 or S43 or S46 or S61 or S62 or S71 or S72 or S73 or S74 or S75) in C1) or ((S99 in C1) and ((S07 or S43 or S46 or S61 or S62 or S71 or S72 or S73 or S74 or S75) in CC))) and (34-* in AN) and (PT = "THESIS-OR-DISSERTATION") not (PT="SHORT") not (PT="CONFERENCE") not (PT="REPORT") not (PT="ARTICLE") not (PT="PROGRESS") not (PT="MISCELLANEOUS")

	THESIS	ARTICLE	CONFERENCE	REPORT	MISCELLANEOUS
THESIS	1070	4	0	271	703
ARTICLE		35245	4982	62	148
CONFERENCE			28229	5645	3334
REPORT				13985	1880
MISCELLANEOUS					14682

- Amélioration:
 - Utilisation du thésaurus
 - Limitation du bruit
 - S62: Radiology and nuclear medicine

Configuration UPLOADER 1/4

■ Source:

Record 488 of 633 - INIS 2001-2003/12

TI: Surface structure determination by medium energy ion scattering
AU: Quirn,-Pau
CA: University of Warwick (United Kingdom)
SO: University of Warwick 2001 [np]
NT: Thesis (Ph.D.) Country of input: International Atomic Energy Agency (IAEA) Available from British Library Document Supply Centre- DSC:DXN055078
PY: 2001
LA: English
CI: United-Kingdom
PT: 1 (Miscellaneous); U (Thesis-or-Dissertation); X (Microfiche-Unavailable-from-INIS)
AB: Medium Energy Ion Scattering (MEIS) is an experimental technique that can provide compositional and structural information on surfaces. In this thesis an outline of the basic physics of MEIS will be presented and the results of the application of MEIS to the study of a range of surfaces shall be discussed. It was the aim of this thesis to explore a range of surfaces which were of fundamental interest but which also tested the use of MEIS as a surface analysis tool. Wherever possible quantitative low energy electron diffraction (LEED) has been used to provide complementary information
DEI: chemical-composition; electron-diffraction; ion-scattering-analysis; structural-chemical-analysis; surface-area
DEC: chemical-analysis; coherent-scattering; diffraction-; nondestructive-analysis; scattering-; surface-properties
CC: S75
C1: S75
CD: Condensed-matter-physics,-superconductivity-and-superfluidity
UD: 3411
AN: 34-018796

Configuration UPLOADER 2/4

- Configuration:

INISTHESI.extract	INISTHESI.tpl
TI---TI:---EOL-----	TI---<:TI:>
OT---OT:---EOL-----	OT---<:OT:>
AU---AU: ---EOL---;---	AU---<:NOM:>,<:PRENOM:> (<:INUTILE:>)
CA---CA: ---EOL-----	CA---<:UNIV:>,<:VILLE:> (<:INUTILE:>)
SO---SO: ---EOL-----	SO---<:SO:>
NT---NT: ---EOL-----	NT---<:NT:>
RN---RN: ---EOL---;---	RN---<:RN:> (<:INUTILE:>)
PY---PY: ---EOL-----	PY---<:PY:>
LA---LA: ---EOL---;---	LA---<:LA:>
AB---AB: ---EOL-----	AB---<:AB:>
DEI---DEI: ---EOL---;---	DEI---<:DEI:>
DEC---DEC: ---EOL---;---	DEC---<:DEC:>
IS---IS: ---EOL-----	IS---<:IS:>
C1---C1: ---EOL-----	C1---<:C1:>
AN---AN: ---EOL-----	AN---<:AN:> (<:INUTILE:>)

Configuration UPLOADER 4/4

INISTHESaleph.tpl

```
003---00<:SYSNO:> 003 L SzGeCERN
008---00<:SYSNO:> 008 L ^^^^^^s^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^000^0^eng^d
IS::CONF(IS,ISBN,1)---00<:SYSNO:> 020 L $$a <:IS::IS::WORDS(2,L)::SUP(ALPHA)::REP(,):SHAPE:>
AN---00<:SYSNO:> 035 L $$9 INIS $$a <:AN::AN::NUM::SHAPE:>
LA---00<:SYSNO:> 041 L $$a <:LA*::LA::KB(SISUC-lang.kb)::SHAPE:>
RN::CONF(RN,0)---00<:SYSNO:> 088 L $$a <:RN*::RN::REP(-,):SHAPE:>
AU::RANGE(1,1)---00<:SYSNO:> 100 L $$a
<:AU*::NOM::CAP::LIMW(LEFTP,R)::REP(LEFTP,):SHAPE:><:AU*::PRENOM::IF(,COMMA )><:AU*::PRENOM::REP(,):REP(,
):ABR(1,):UP::SUP(SPACE,):SHAPE:>
TI::CONF(TI,0)---00<:SYSNO:> 245 L $$a <:TI::TI::REP(, $$b ):SHAPE:>
OT::CONF(OT,0)---00<:SYSNO:> 246 L $$a <:OT::OT::REP(, $$b ):SHAPE:>
RN::CONF(RN,0)---00<:SYSNO:> 260 L <:RN::RN::UP::REP(-,):REP(,):REP(,):SUP(NUM)::SHAPE::REP(-,):KB(SISUC-
rnm.kb,0)::SHAPE:> $$c <:PY::PY::SHAPE:>
RN::CONF(RN,1)---00<:SYSNO:> 260 L <:CA::UNIV::KB(SISU-INIS-place-publisher.kb,0)::SHAPE:> $$c <:PY::PY::SHAPE:>
SO::CONF(SO, p, 1)---00<:SYSNO:> 300 L $$a <:SO::SO::SHAPE::REP(p,p)::WORDS(2,R)::SHAPE:>
SO::CONF(SO, p, 0)---00<:SYSNO:> 300 L $$a <:SO::SO::SHAPE::WORDS(1,R)::KB(SISU-INIS-page.kb)::SHAPE:>
NT::CONF(NT,from INIS in electronic form,0)---00<:SYSNO:> 500 L $$a No fulltext
NT::CONF(NT,from INIS in electronic form,0)---00<:SYSNO:> 500 L $$a Not held by the library
SO::CONF(SO,0)::CONF(RN,1)---00<:SYSNO:> 502 L $$a Thesis : <:CA::UNIV::KB(SISU-INIS-place-
publisher.kb,0)::REP($$b)::LIMW($$a,R)::REP($$a,):SHAPE:> : <:SO::SO::SUP(ALPHA)::MINL(4)::SUP(PUNCT)::SHAPE:>
SO::CONF(SO,0)::CONF(RN,0)---00<:SYSNO:> 502 L $$a Thesis : <:RN::RN::UP::REP(-,):REP(,):REP(,):REP(,
):SUP(NUM)::SHAPE::REP(,):KB(SISUC-rnm.kb,0)::REP($$b)::LIMW($$a,R)::REP($$a,):SHAPE:> :
<:SO::SO::SUP(ALPHA)::MINL(4)::SUP(PUNCT)::SHAPE:>
```

Configuration UPLOADER 3/4

INISTHESaleph.tpl (suite...)

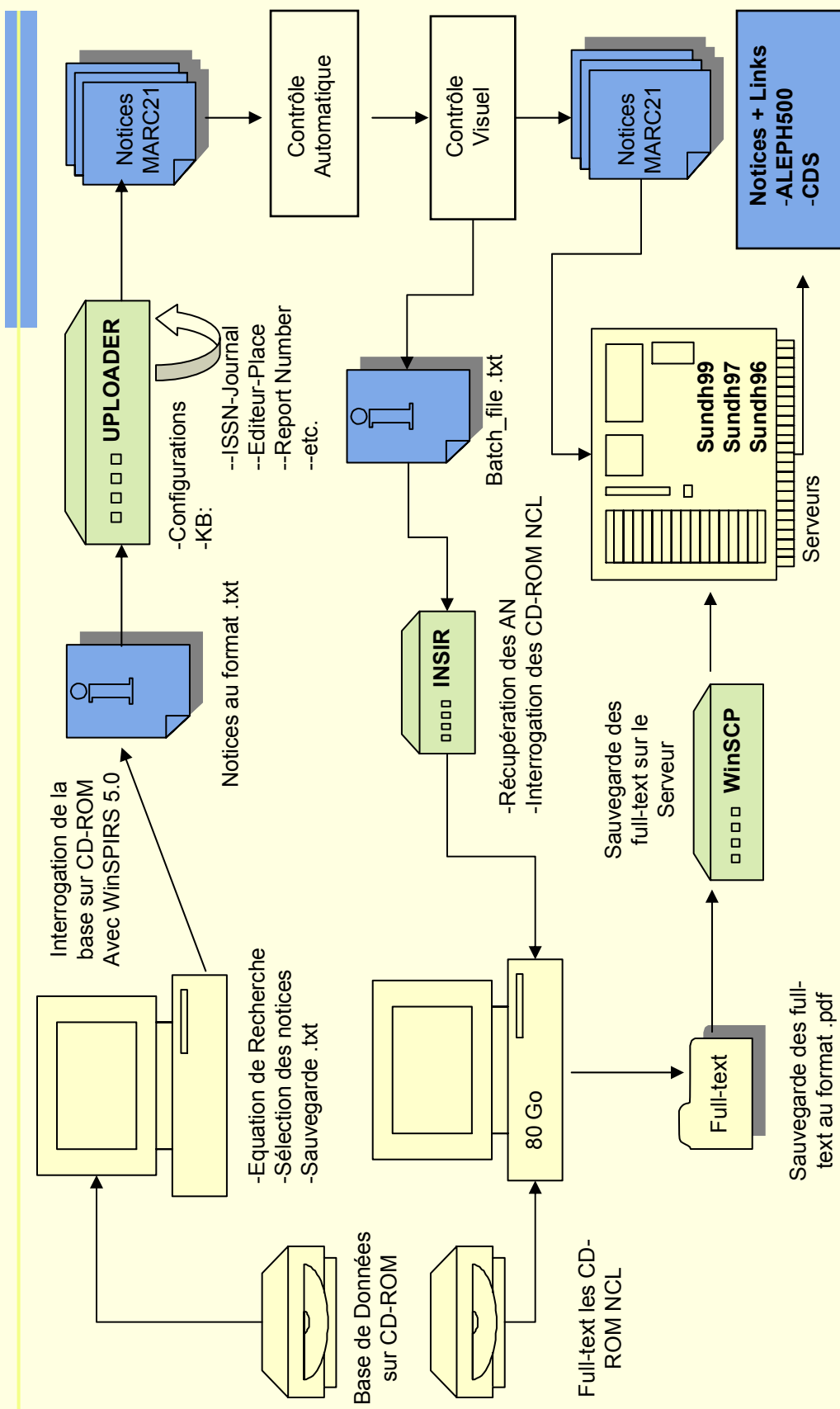
```
SO::CONF(SO,,1)::CONF(RN,,1)---00<:SYSNO> 502 L $$a Thesis : <CA::UNIV::KB(SISU-INIS-place-
publisher.kb,0)::REP($$b)::LIMW($$a,R)::REP($$a)::SHAPE> : <:PY::PY::SHAPE:>
SO::CONF(SO,,1)::CONF(RN,,0)---00<:SYSNO> 502 L $$a Thesis : <RN::RN::UP::REP(--):REP(/):REP(-,
):SUP(NUM)::SHAPE::REP(-)::KB(SISUC-rnim.kb,0)::REP($$b)::LIMW($$a,R)::REP($$a)::SHAPE:> : <:PY::PY::SHAPE:>
AB---00<:SYSNO> 520 L $$a <:AB::AB::EXP(author,1)::EXP(authors,1)::EXP(orig,,1)::SHAPE:>
595---00<:SYSNO> 595 L $$a SIS INIS<:DATE(%Y,4)>
C1::CONF(C1,,0)---00<:SYSNO> 65017 L $$a <:C1::C1::KB(SISU-INIS-sc-inis-cds.kb)::SHAPE:> $$2 SzGeCERN
IN---00<:SYSNO> 690C L $$a THESIS
IR::CONF(RN,,0)---00<:SYSNO> 690C L $$a REPORT
NT::CONF(NT,from INIS in electronic form,0)---00<:SYSNO> 690C L $$a notheld
C1::CONF(C1,,0)---00<:SYSNO> 694 L $$9 INIS $$a <:C1::C1::KB(SISU-INIS-sc-inis.kb)::SHAPE:>
DEI::CONF(DEI,0)---00<:SYSNO> 695 L $$9 INIS $$a <:DEI*::DEI::SHAPE:>
DEC::CONF(DEC,0)---00<:SYSNO> 695 L $$9 INIS $$a <:DEC*::DEC::SHAPE:>
NT::CONF(NT,from INIS in electronic form,1)---00<:SYSNO> 8564 L $$u http://doc.cern.ch/archive/electronic/other/uploader/INIS/
<:AN::AN::NUM::SHAPE:>.pdf $$y fulltext
BA---00<:SYSNO> BAS L $$a 14
FMT---00<:SYSNO> FMT L BK
IN---00<:SYSNO> 980 L $$a THESIS
RN::CONF(RN,,0)---00<:SYSNO> 980 L $$b REPORT
SW---00<:SYSNO> 916 L $$s n $$w <:DATE(%Y%V, 6):>
LDR---00<:SYSNO> LDR L ^^^^nam^^22^^^^^^a^4500
OWN---00<:SYSNO> OWN L $$a PUBLIC
```

Configuration UPLOADER 1/3

■ Résultat:

```
000745271 001_ 745271
000745271 003_ $$_SzGeCERN
000745271 035_ $$9INIS$a34018796
000745271 041_ $$aeng
000745271 100_ $$aQuinn, P
000745271 245_ $$aSurface structure determination by medium energy ion scattering
000745271 260_ $$aCoventry$bWarwick Univ.$c2001
000745271 300_ $$amult p.
000745271 500_ $$aNo fulltext
000745271 500_ $$aNot held by the library
000745271 502_ $$aThesis : Warwick Univ. : 2001
000745271 520_ $$aMedium Energy Ion Scattering (MEIS) is an experimental technique that can provide compositional and structural information on surfaces. In this thesis an outline of the basic physics of MEIS will be presented and the results of the application of MEIS to the study of a range of surfaces shall be discussed. It was the aim of this thesis to explore a range of surfaces which were of fundamental interest but which also tested the use of MEIS as a surface analysis tool.
000745271 595_ $$aSIS INIS2004
000745271 65017 $$2SzGeCERN$aCondensed Matter
000745271 690C_ $$aTHESIS
000745271 690C_ $$anotheld
000745271 694_ $$9INIS$aCondensed matter physics, superconductivity and superfluidity
000745271 695_ $$9INIS$achemical-composition
000745271 695_ $$9INIS$aelectron-diffraction
000745271 916_ $$sn$$w200426
000745271 960_ $$a14
000745271 961_ $$c20040622$h1905$I CER01$$x20040622
000745271 963_ $$aPUBLIC
000745271 970_ $$a002456724CER
000745271 980_ $$aTHESIS
```

METHODE



29/06/2004

Maïtise Ing. Documentaire CERN 2003-2004

CONCLUSION

- Améliorations
 - Equation de Recherche: Utilisation du Thesaurus
 - Création des Notices conférences
 - Réflexions sur l'import des fulltext au format .tiff
- Bibconvert: Service informatique
- Résultats:
 - Configurations terminées
 - Méthode de travail établie
 - Essais concluants (2003: 611 Thèses,)