

Grand Accélérateur National d'Ions Lourds

GANIL

Laboratoire commun CEA / DSM - CNRS / IN²P³

GROUPE PHYSIQUE
DOCUMENTATION



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Date de fin de la période : 31 décembre 2010

Production Scientifique du GANIL : 147

Publications relatives au GANIL dans des revues à comité de lecture : 71

Actes de Conférences : 76

Physique nucléaire : 70 (31/39)

Théorie : 25 (14/11)

Instrumentation/Physique des accélérateurs : 20 (5/15)

Interdisciplinaire : 32 (21/11)

Nombre de publications « GANIL » avec texte intégral en accès libre dans HAL-IN2P3 : NR

Nombre de publications « Expérience GANIL » : 32

Rapports GANIL : 1

Thèses GANIL : 3

HDR GANIL : 1

Thèses relatives au GANIL : 10

Analyse bibliométrique de la production scientifique du GANIL (d'après le Web of Science):

Journal	Impact Factor *	Nombre	%

Physical Review Letters	7,328	4	
Physics Letters B	5.083	2	
Physical Review B	3,774	1	
Physical Review C	3.477	23	
Europhysics Letters	2,155	1	
J. Phys. G : Nucl. Part. Phys.	2.124	5	
Eur. Phys. J. A	1.968	5	
Nuclear Physics A	1.706	11	
Review of Scientific Instruments	1.601	3	
NIM A	1.317	4	
Cryogenics	1.052	1	
Modern Physics Letters A	0,990	2	
Int. J. Modern Physics E	0.695	5	
Physics of Atomic Nuclei	0.563	1	
Acta Physica Polonica B	0.433	1	
AIP Conference Proceedings	nr	17	
EPJ Web of Conferences	nr	9	
Nuclear Physics News	nr	1	
Journal of Physics: Conference Series	nr	1	
Proceedings of IPAC 2010	nr	4	
Proceedings of IWAA 2010	nr	2	
Proceedings of the 12th Int. Conf. on Nuclear Reaction Mechanisms	nr	5	
Proceedings of Science	nr	4	
		112	

*J.C.R. (2010) : Web of science : <http://bibliosciences.inist.fr/>

PHYSIQUE NUCLEAIRE

Structure around the island of inversion with single-neutron knockout reactions at GANIL

B. Fernández-Domínguez, B. Pietras, N. Patterson, J. S. Thomas, N.A. Orr, M. Chartier, W. Catford, N. L. Achouri, J.C. Angélique, N. I. Ashwood, A. Banu, B. Bastin, J. Brown,

R. Borcea, S. Franchoo, M. Freer, L. Gaudefroy, B. Laurent, M. Labiche, R. C. Lemmon, F. Negoita, S. Paschalis, E. S. Paul, M. Petri, P. Roussel-Chomaz, M. Staniou, M. J. Taylor, L. Trache

Proceedings of the 12th International Conference on Nuclear Reaction Mechanisms, Vol 1 (2010) 145-149

12th International Conference on Nuclear Reaction Mechanisms, Varenna : Italie (2009)
2010-004 A

<http://hal.in2p3.fr/in2p3-00448818/fr/>

Search for a long-lived di-nuclear system in U+U reactions near the Coulomb barrier

C. Golabek, S. Heinz, W. Mittig, F. Rejmund, A.C.C. Villari, S. Bhattacharyya, D. Boilley, G. De France, A. Drouart, L. Gaudefroy, L. Giot, A. Marchix, V. Maslov, M. Morjean, G. Mukerjee, A. Navin, Yu. Penionzkevich, M. Rejmund, P. Roussel-Chomaz, C. Stodel, M. Winkler

Proceedings of the 12th International Conference on Nuclear Reaction Mechanisms, Vol 1 (2010) 273

12th International Conference on Nuclear Reaction Mechanisms, Varenna : Italie (2009)
2010-005 A

<http://hal.in2p3.fr/in2p3-00407953/fr/>

Resonances of ${}^6\text{He}$ via the ${}^8\text{He}(p,t){}^6\text{He}$ reaction

V. Lapoux, X. Mougeot, N. Keeley, A. Drouart, N. Alamanos, F. Auger, B. Avez, D. Beaumel, Y. Blumenfeld, R. Dayras, C. Force, L. Gaudefroy, A. Gillibert, J. Guillot, H. Iwasaki, T. Al Kalanee, K. W. Kemper, T. Mermizedakis, W. Mittig, L. Nalpas, E. Pollacco, A. Pakou, T. Roger, P. Roussel-Chomaz, K. Rusek, J.-A. Scarpaci, C. Simenel, D. Suzuki, R. Wolski

Proceedings of the 12th International Conference on Nuclear Reaction Mechanisms, Vol 2 (2010) 345-352

12th International Conference on Nuclear Reaction Mechanisms, Varenna : Italie (2009)
2010-006 A

<http://hal.in2p3.fr/in2p3-00448824/fr/>

${}^{12}\text{C}$ nuclear reaction measurements for hadrontherapy

B. Braunn, M. Labalme, G. Ban, D. Cussol, J.M. Fontbonne, F.R. Lecolley, C. Pautard, F. Haas, D. Lebhertz, M. Rousseau, L. Stuttge, M. Chevallier, D. Dauvergne, F. Le Foulher, C. Ray, E. Testa, M. Testa, M.D. Salsac

Proceedings of the 12th International Conference on Nuclear Reaction Mechanisms, Vol 2 (2010) 531-537

12th International Conference on Nuclear Reaction Mechanisms, Varenna : Italie (2009)
2010-008 A

<http://hal.in2p3.fr/in2p3-00449227/fr/>

${}^6\text{He} + {}^9\text{Be}$ reactions at 16.8MeV

M. Majer, R. Raabe, M. Milin, C. Angulo, J. Cabrera, E. Casarejos, J.L. Charvet, D. Escrig, A. Gillibert, Th. Keutgen, V. Lapoux, L. Nalpas, A. Ninane, A. Obertelli, N.A. Orr, F. Skaza, J.L. Sida, S.I. Sidorchuk, D. Smirnov, and R. Wolski

Eur. Phys. J. A 43, 153–158 (2010)

2010-012 A

<http://hal.in2p3.fr/in2p3-00451414/fr/>

Study of heavy di-nuclear systems

S. Heinz, V. Comas, S. Hofmann, D. Ackermann, J. Heredia, F.P. Heßberger, J. Khuyagbaatar, B. Kindler, B. Lommel, R. Mann, C. Golabek, W. Mittig, F. Rejmund, A.C.C. Villari

Nuclear Physics A 834 (2010) 362c-365c

10th International Conference on Nucleus-Nucleus Collisions, Beijing, China, 16-21 August 2009

2010-016 A

<http://hal.in2p3.fr/in2p3-00459366/fr/>

The Study of the N=28 shell closure : a way to probe nuclear forces

O. Sorlin

Nuclear Physics A 834 (2010) 400c-403c

10th International Conference on Nucleus-Nucleus Collisions, Beijing, China, 16-21 August 2009

2010-017 A

<http://hal.in2p3.fr/in2p3-00413317/fr/>

Shell evolution in light nuclei inferred from transfer reactions

D. Beaumel

Nuclear Physics A 834 (2010) 446c-449c

10th Int. Conference on Nucleus-Nucleus Collisions, Beijing, China, 16-21 August 2009

2010-018 A

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Multifragmentation and phase transition for hot nuclei: recent progress

INDRA and ALADIN Collaborations

B. Borderie, E. Bonnet, F. Gulminelli, N. Le Neindre, D. Mercier, S. Piantelli, Ad. R. Raduta, M. F. Rivet, B. Tamain, R. Bougault, A. Chbihi, R. Dayras, J. D. Frankland, E. Galichet, F. Gagnon-Moisan, D. Guinet, P. Lantesse, J. Lukasik, M. Parlog, E. Rosato, R. Roy, M. Vigilante and J. P. Wieleczko

Nuclear Physics A 834 (2010) 535c-539c

10th Int. Conference on Nucleus-Nucleus Collisions, Beijing, China, 16-21 August 2009

2010-019 A

<http://hal.in2p3.fr/in2p3-00459378/fr/>

Isospin effects in $^{40,48}\text{Ca}+^{40,48}\text{Ca}$ collisions

V. Henzl, D. Henzlova, M. Kilburn, G. Verde, D. Brown, A. Chbihi, D. Coupland, J. Elson, M. Famiano, C. Herlitzius, S. Hudan, J. Lee, S. Lukyanov, W. Lynch, A. Rogers, A. Sanetullaev, L. Sobotka, R. T. de Souza, Z. Y. Sun, B. Tsang, M. Wallace, K. Xu, and M. Youngs

Nuclear Physics A 834 (2010) 552c-554c

10th Int. Conference on Nucleus-Nucleus Collisions, Beijing, China, 16-21 August 2009

2010-020 A

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SPIRAL2 at GANIL: Next Generation of ISOL Facility for Intense Secondary Radioactive Ion Beams

S. Gales

Nuclear Physics A 834 (2010) 717c-723c

10th Int. Conference on Nucleus-Nucleus Collisions, Beijing, China, 16-21 August 2009

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Detailed β -decay study of ^{33}Ar

N. Adimi, R. Dominguez-Reyes, M. Alcorta, A. Bey, B. Blank, M. J. G. Borge, F. de Oliveira Santos, C. Dossat, H. O. U. Fynbo, J. Giovinazzo, H. H. Knudsen, M. Madurga, I. Matea, A. Perea, K. Summerer, O. Tengblad, and J. C. Thomas

Physical Review C 81 (2010) 024311

2010-030 A

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Observation of fast collinear partitioning of the $^{197}\text{Au} + ^{197}\text{Au}$ system into three and four fragments of comparable size

J. Wilczynski, I. Skwira-Chalot, K. Siwek-Wilczynska, A. Pagano, F. Amorini, A. Anzalone, L. Auditore, V. Baran, J. Brzychczyk, G. Cardella, S. Cavallaro, M. B. Chatterjee, M. Colonna, E. De Filippo, M. Di Toro, W. Gawlikowicz, E. Geraci, A. Grzeszczuk, P. Guazzoni, S. Kowalski, E. La Guidara, G. Lanzalone, J. Łukasik, C. Maiolino, Z. Majka, N. G. Nicolis, M. Papa, E. Piasecki, S. Pirrone, R. Płaneta, G. Politi, F. Porto, F. Rizzo, P. Russotto, K. Schmidt, A. Sochocka, Ł. Świdorski, A. Trifiro, M. Trimarchi, J. P. Wieleczko, L. Zetta, and W. Zipper

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2010-031 A

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Short-lived binary splits of an excited projectile-like fragment induced by transient deformation

A. B. McIntosh, S. Hudan, J. Black, D. Mercier, C. J. Metelko, R. Yanez, R. T. de Souza, A. Chbihi, M. Famiano, M. O. Frégeau, J. Gauthier, J. Moisan, R. Roy, S. Bianchin, C. Schwarz, and W. Trautmann

Physical Review C 81 (2010) 034603

2010-032 A

<http://hal.in2p3.fr/in2p3-00462432/fr/>

Exploring isospin effects on the level density parameter

P. Marini, M.F. Rivet, B. Borderie, N. Le Neindre, A. Chbihi, G. Verde, and J.P. Wieleczko et al. for the INDRA-VAMOS collaboration

EPJ Web of Conferences 2, 04003 (2010)

CNR*09 - Second Int. Workshop on Compound Nuclear Reactions and Related Topics, Bordeaux : France (2009)

2010-033 A

<http://hal.in2p3.fr/in2p3-00462613/fr/>

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X. Derkx, F. Rejmund, M. Caamano, K.-H. Schmidt, L. Audouin, C.-O. Bacri, G. Barreau, J. Benlliure, E. Casarejos, B. Fernández-Domínguez, L. Gaudefroy, C. Golabek, B. Jurado, A. Lemasson, A. Navin, M. Rejmund, T. Roger, A. Shrivastava, C. Schmitt, and J. Taieb

EPJ Web of Conferences 2, 07001 (2010)

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2010-034 A

<http://hal.in2p3.fr/in2p3-00462642/fr/>

Influence of the Neutron Richness on Binary Decays

G. Ademard, J.P. Wieleczko, E. Bonnet, A. Chbihi, J.D Frankland, M. La Commara, M. Vigilante, E. Rosato, A. D'Onofrio, G. Spadaccini, J. Gomez del Campo, C. Beck, B. Borderie, R. Bougault, R. Dayras, G. De Angelis, A. Galindo-Uribarri, P. Lantesse, N. Le Neindre, M. Parlog, D. Pierroutsakou, F. Rejmund, M.F. Rivet, M. Romoli, R. Roy, and D. Shapira

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<http://hal.in2p3.fr/in2p3-00462656/fr/>

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K. Schmidt, A. Benisz, A. Bubak, A. Grzeszczuk, S. Kowalski, W. Zipper, F. Amorini, A. Anzalone, L. Auditore, V. Baran, J. Brzychczyk, G. Cardella, S. Cavallaro, M.B. Chatterjee, M. Colonna, E. Defilippo, M. Ditoro, W. Gawlikowicz, E. Geraci, P. Guazzoni, E. La Guidara, G. Lanzalone, J. Lukasik, C. Maiolino, Z. Majka, N. Nicolis, A. Pagano, M. Papa, E. Piasecki, S. Pirrone, R. Planeta, G. Politi, F. Porto, F. Rizzo, P. Russotto, K. Siwek-Wilczynska, I. Skwira-Chalot, A. Sochocka, L. Swiderski, A. Trifiro, M. Trimarchi, J.P. Wieleczko, J. Wilczynski, L. Zetta

Acta Physica Polonica B Vol. 41 (2010) 387-392

The XXXI Mazurian Lakes Conference on Physics, Piaski : Pologne (2009)

2010-039 A

<http://hal.in2p3.fr/in2p3-00463227/fr/>

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J. M. Daugas, T. Faul, H. Grawe, M. Pfitzner, R. Grzywacz, M. Lewitowicz, N. L. Achouri, J. C. Angélique, D. Baiborodin, R. Bentida, R. Béraud, C. Borcea, C. R. Bingham, W. N. Catford, A. Emsallem, G. de France, K.L. Grzywacz, R. C. Lemmon, M. J. Lopez Jimenez, F. de Oliveira Santos, P. H. Regan, K. Rykaczewski, J. E. Sauvestre, M. Sawicka, and M. Stanoiu

Physical Review C 81 (2010) 034304

2010-040 A

<http://hal.in2p3.fr/in2p3-00463848/fr/>

Investigation of deep inelastic reactions in $^{238}\text{U} + ^{238}\text{U}$ at Coulomb barrier energies

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2010-042 A

<http://hal.in2p3.fr/in2p3-00452813/fr/>

Reply to “Comment on ‘Low-energy $^{18}\text{F}(\text{p},\alpha)^{15}\text{O}$ cross section measurements relevant to nova γ -ray emission’ ”

N. de Sereville, C. Angulo, A. Coc, N. L. Achouri, E. Casarejos, T. Davinson, P. Descouvemont, P. Figuera, S. Fox, F. Hammache, J. Kiener, A. Laird, A. Lefebvre-Schuhl, P. Leleux, P. Mumby-Croft, N. A. Orr, I. Stefan, K. Vaughan, and V. Tatischeff

Physical Review C 81 (2010) 039802

2010-045 A

<http://hal.in2p3.fr/in2p3-00465881/fr/>

g factor of the ^{44}Cl ground state: Probing the reduced $Z = 16$ and $N = 28$ gaps

M. De Rydt, J.M. Daugas, F. De Oliveira Santos, L. Gaudefroy, S. Grévy, D. Kameda, V. Kumar, R. Lozeva, T. J. Mertzimekis, P. Morel, T. Nagatomo, G. Neyens, L. Perrot, O. Sorlin, C. Stodel, J.C. Thomas, N. Vermeulen, P. Vingerhoets

Physical Review C 81 (2010) 034308

2010-046 A

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Isoscalar giant resonances in the Sn nuclei and implications for the asymmetry term in the nuclear-matter incompressibility

T. Li, U. Garg, Y. Liu, R. Marks, B.K. Nayak, P.V. Madhusudhana Rao, M. Fujiwara, H. Hashimoto, K. Nakanishi, S. Okumura, M. Yosoi, M. Ichikawa, M. Itoh, R. Matsuo, T. Terazono, M. Uchida, Y. Iwao, T. Kawabata, T. Murakami, H. Sakaguchi, S. Terashima, Y. Yasuda, J. Zenihiro, H. Akimune, K. Kawase, M.N. Harakeh

Physical Review C 81 (2010) 034309

2010-047 A

<http://hal.in2p3.fr/in2p3-00467291/fr/>

Study of $^{60}\text{Fe}(n,\gamma)^{61}\text{Fe}$ reaction of astrophysical interest via $d(^{60}\text{Fe},p\gamma)$ indirect reaction

S. Giron, F. Hammache, N. De Séréville, D. Beaumel, J. Burgunder, L. Caceres, E. Clement, G. Duchene, F. Flavigny, G. De France, S. Franchoo, B. Fernandez, D. Galaviz-Redondo, L. Gasques, J. Gibelin, A. Gillibert, S. Grevy, J. Guillot, M. Heil, J. Kiener, V. Lapoux, F. Maréchal, A. Matta, Y. Matea, M. Moukaddam, L. Nalpas, A. Obertelli, L. Perrot, R. Raabe, J. A. Scarpaci, O. Sorlin, I. Stefan, C. Stodel, M. Takechi, J.C. Thomas, Y. Togano

AIP Conference Proceedings 1213 (2010) 201-204

Fifth European Summer School on Experimental Nuclear Astrophysics, Santa Tecla : Italie (2009)

2010-048 A

<http://hal.in2p3.fr/in2p3-00467296/fr/>

The β - γ decay of ^{21}Na

N. L Achouri, J. C Angélique, G. Ban, B. Bastin, B. Blank, S. Dean, P. Dendooven, J. Giovinazzo, S. Grévy, K. Jungmann, B. Laurent, E. Liénard, O. Naviliat-Cuncic, N. A Orr, A. Rogachevskiy, M. Sohani, E. Traykov, H. Wilschut

Journal of Physics G: Nuclear and Particle Physics 37 (2010) 045103

2010-050 A

<http://hal.in2p3.fr/in2p3-00467536>

Resonant neutrino scattering: An impossible experiment?

D. Suzuki, T. Sumikama, M. Ogura, W. Mittig, A. Shiraki, Y. Ichikawa, H. Kimura, H. Otsu, H. Sakurai, Y. Nakai, M.S. Hussein

Physics Letters B 687 (2010) 144-148

2010-051 A

<http://hal.in2p3.fr/in2p3-00469432/fr/>

Approaching the $N = 82$ shell closure with mass measurements of Ag and Cd isotopes

M. Breitenfeldt, Ch. Borgmann, G. Audi, S. Baruah, D. Beck, K. Blaum, Ch. Böhm, R. B. Cakirli, R. F. Casten, P. Delahaye, M. Dworschak, S. George, F. Herfurth, A. Herlert, A. Kellerbauer, M. Kowalska, D. Lunney, E. Minaya-Ramirez, S. Naimi, D. Neidherr, M. Rosenbusch, R. Savreux, S. Schwarz, L. Schweikhard, and C. Yazidjian

Physical Review C 81 (2010) 034313

2010-056 A

<http://hal.in2p3.fr/in2p3-00476332/fr/>

Structure of neutron-rich nuclei around the $N = 50$ shell-gap closure

T. Faul, G. Duchêne, J.-C. Thomas, F. Nowacki, M. Huyse, and P. Van Duppen

AIP Conference Proceedings 1231 (2010) 181-182

LA RÁBIDA 2009, International Scientific Meeting on Nuclear Physics: Basic Concepts IN Nuclear Physics: Theory, Experiments and Applications

2010-060 A

<http://hal.in2p3.fr/in2p3-00481671/fr/>

Residual Nuclei Production in the reaction $^{136}\text{Xe} + \text{deuterium}$ at 500 A MeV

J.A. Alcántara-Núñez, Aj. Benlliure, D. Pérez-Loureiro, P. Armbruster, L. Audouin, M. Bernas, A. Boudard, E. Casarejos, T. Enqvist, B. Fernández-Domínguez, M. Fernández Ordóñez, A. Heinz, V. Henzl, D. Henzlova, A. Kelić, A. Lafriashk, S. Leray, P. Napolitani, J. Pereira, R.

Pleskač, F. Rejmund, M.V. Ricciardi, C. Stéphan, K.-H. Schmidt, C. Schmitt, L. Tassan-Got, C. Villagrasa, C. Volant, O. Yordanov

AIP Conference Proceedings 1231 (2010) 219-220

LA RÁBIDA 2009, International Scientific Meeting on Nuclear Physics: Basic Concepts IN Nuclear Physics: Theory, Experiments and Applications
2010-061 A

<http://hal.in2p3.fr/in2p3-00481704/fr/>

Development of a Tracking System of Exotic Nuclear Beams for FAIR

B. Fernández, J. Pancin, Z. Abou-Haidar, M.A.G. Alvarez, A. Drouart, M. Kebbiri, M. Riallot

AIP Conference Proceedings 1231 (2010) 219-220

LA RÁBIDA 2009, International Scientific Meeting on Nuclear Physics: Basic Concepts IN Nuclear Physics: Theory, Experiments and Applications
2010-062 A

<http://hal.in2p3.fr/in2p3-00481978/fr/>

Study of the ${}^6\text{He}$ structure in the réaction of quasifree scattering ${}^4\text{He}({}^6\text{He}, 2\alpha)$

S.I. Sidorchuk, A.S. Fomichev, M.S. Golovkov, L.V. Grigorenko, V.A. Gorshkov, A.V. Gorshkov, S.A. Krupko, Yu.Ts. Oganessian, A.M. Rodin, R.S. Slepnev, S.V. Stepantsov, G.M. Ter-Akopian, R. Wolski, A.A. Korshennikov, E.Yu. Nikolskii, P. Roussel-Chomaz, W. Mittig

Nuclear Physics A 840 (2010) 1-18

2010-063 A

<http://hal.in2p3.fr/in2p3-00483908>

Search for ${}^7\text{H}$ at RIKEN

E.Yu. Nikolskii, A.A. Korshennikov, H. Otsu, H. Suzuki, K. Yoneda, H. Baba, K. Yamada, Y. Kondo, N. Aoi, M.S. Golovkov, A.S. Fomichev, S. A. Krupko, M. Kurokawa, E.A. Kuzmin, I. Martel, W. Mittig¹, T. Motobayashi, T. Nakamura, M. Niikura, S. Nishimura, A.A. Ogloblin, P. Roussel-Chomaz, A. Sanchez-Benitez, Y. Satou, S.I. Sidorchuk, T. Suda, S. Takeuchi, K. Tanaka, G.M. Ter-Akopian, Y. Togano, M. Yamaguchi

AIP Conference Proceedings 1224 (2010) 47-53

International Symposium on Exotic Nuclei (EXON2009), Sochi (RU)

2010-064 A

<http://hal.in2p3.fr/in2p3-00484158/fr/>

N = 28 : From shell to shapes

S. Grèvy, L. Gaodefroy

AIP Conference Proceedings 1224 (2010) 74-81

International Symposium on Exotic Nuclei (EXON2009), Sochi (RU)

2010-065 A

<http://hal.in2p3.fr/in2p3-00420237/fr/>

Beta Neutrino Correlation Measurement with Trapped Radioactive Ions

Ph. Velten, G. Ban, D. Durand, X. Fléchar, E. Liénard, F. Mauger, A. Mery, O. Naviliat-Cuncic, D. Rodríguez, J.-C. Thomas

AIP Conference Proceedings 1224 (2010) 206-214

International Symposium on Exotic Nuclei (EXON2009), Sochi (RU)

2010-066 A

<http://hal.in2p3.fr/in2p3-00484349/fr/>

Spectroscopy of transfermium nuclei using the GABRIELA set up at the focal plane of the VASSILISSA recoil separator

K. Hauschild, A. Lopez-Martens, Ch. Briançon, P. Désesquelles, S. Garcia-Santamaria, A. Korichi, J. Robin, O. Dorvaux, J. Piot, D. Curien, B. Gall, B. Khalfallah, A. Khouaja, M. Rousseau, L. Stuttgé, N. Rowley, A.V. Yeremin, A.V. Belozarov, M.L. Chelnokov, V.I. Chepigin, V.A. Gorshkov, A.V. Isaev, I.N. Izosimov, A.P. Kabachenko, D.E. Katrasev, E. A. N. Kutznetsov, O.N. Malyshev, A.G. Popeko, R.N. Sagaidak, A.V. Shutov, E.A. Sokol, A. I. Svirikhin, T. Wiborg-Hagen, M. Guttormsen, A.C. Larsen, H.T. Nyhus, S. Siem, N.U. H. Syed, F. Hanappe, V. Bouchat, P. Jones, R. Borcea, Ig. Drafta, D. Pantelica, F. Rotaru, N. Scintee, V. Zamfir, A. Görden, Ch. Theisen, K. A. Minkova, T. Kutsarova, Ch. Stodel, S. Mullins, E. Lieder, S. Antalic, Š. Šáro, M. Venhartp

AIP Conference Proceedings 1224 (2010) 269-278

International Symposium on Exotic Nuclei (EXON2009) , Sochi (RU)
2010-067 A

<http://hal.in2p3.fr/in2p3-00485562/fr/>

GANIL-SPIRAL2: at the dawn of the new era

S. Galès

AIP Conference Proceedings 1224 (2010) 424-431

International Symposium on Exotic Nuclei (EXON2009) , Sochi (RU)
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(INDRA and ALADIN Collaborations)

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New Study of the Astrophysical Reaction $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ via the $^{12}\text{C}(7\text{Li},t)^{16}\text{O}$ Transfer Reaction

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2010-144 A

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Study of $^{12}\text{C}(\alpha,g)^{16}\text{O}$ reaction via the transfer reaction $^{12}\text{C}(7\text{Li},t)^{16}\text{O}$

N. Oulebsir, F. Hammache, P. Roussel, M.G. Pellegriti, L.Audouin, D. Beaumel, A. Bouda, P. Descouvemont, S. Fortier, L.Gaudefroy, J. Kiener, A. Lefebvre-Schuhl, V. Tatischeff

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A. Benyagoub

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Fusion et réactions directes autour de la barrière coulombienne avec le noyau riche en neutrons ⁸He

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Etude de la fission d'actinides produits par réactions de transfert multinucléon en cinématique inverse

Xavier Derkx
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Radioactive ion beam development for the SPIRAL 2 project.

Alexandre Pichard
Université de Caen Basse-Normandie
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Mesure de la dose physique par lms radiochromiques et simulation Monte Carlo pour l'hadronthérapie

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Benjamin Braunn
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Mesures physiques pour la vérification du parcours des ions en hadronthérapie

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Effets d'isospin et noyaux chauds
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Modifications structurales de spinelles sous irradiations
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