

Georges Charpak

Pour en savoir plus ...

Radiographie par Diffusion Nucléaire

- ***Nuclear scattering applied to radiography***

Saudinos, Jean ; Charpak, Georges ; Sauli, Fabio ; Townsend, D ; Vinciarelli, Jane

Phys. Med. Biol. 20 (1975) 890-905

- ***Some further results in nuclear scattering radiography***

Charpak, Georges (CERN) ; Dubal, L ; Majewski, S R ; Perrin, Yves ; Saudinos, Jean ; Sauli, Fabio ; Townsend, D ; Vinciarelli, Jane

IEEE Trans. Nucl. Sci. 23 (1976) 590-593

- ***Further results in nuclear scattering radiography***

Charpak, Georges ; Majewski, S R ; Perrin, Yves ; Saudinos, Jean ; Sauli, Fabio ; Townsend, D ; Vinciarelli, Jane

Phys. Med. Biol. 21 (1976) 941-948

- ***An experiment on proton radiography at the proton synchrotron***

Charpak, Georges ; Faivre, Jean-Claude ; Garetta, D ; Guillerminet, Bernard (et al.)

CERN-PSC-77-10 ; PSC-S-3. - 1977. - 2 p.

Lire l'article :

<http://cdsweb.cern.ch/record/678376/files/cm-p00043938.pdf>

- ***Proposal to the PSC : an experiment on proton radiography at the proton synchrotron***

Charpak, Georges ; Faivre, Jean-Claude ; Garetta, D ; Guillerminet, Bernard (et al.)

CERN-PSC-77-9 ; PSC-P-3. - 1977. - 6 p.

Lire l'article :

<http://cdsweb.cern.ch/record/678375/files/cm-p00043937.pdf>

- ***Progress in nuclear scattering radiography***

Charpak, Georges ; Guillerminet, Bernard ; Leopold, M ; Melchart, Gerhard ; Odyniec, Grazyna Janina ; Perrin, Yves ; Sauli, Fabio ; Duchazeaubeneix, J C ; Faivre, Jean-Claude ; Garreta, D et al.

IEEE Trans. Nucl. Sci. 26 (1979) 654-657

- ***Nuclear scattering radiography***

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J. Comput. Assist. Tomography: 4 (1980) , pp. 803-818

Lire l'article :

<http://cdsweb.cern.ch/record/123291/files/198005103.pdf>

- ***Applications industrielles et médicales de la radiographie 3-d par diffusion nucléaire***

Charpak, Georges ; Duchazeaubeneix, J C ; Faivre, Jean-Claude

Congrès européen de cinéradiographie par photons ou particules, Paris, France, 19-21 Mai, 1981.

CEA-CONF-5738

Lire l'article : voir fichier associé CEA-CONF-5738.pdf

- ***Nuclear scattering radiography***

Charpak, Georges ; Saudinos, Jean

Prog. Nucl. Phys.: 7 (1981) , pp. 164-174

- ***Radiographie par Diffusion Nucléaire de protons d'énergies intermédiaires***

J.C. Duchazeaubeneix, Thèse, 1982

Lire un extrait : Extrait-These82-Duchazeaubeneix-RDN.pdf

- ***Applications of 3-d nuclear scattering radiography in technology and medicine***

Charpak, Georges ; Duchazeaubeneix, J C ; Faivre, Jean-Claude ; Garreta, D ; Guillerminet, Bernard ;

Legrand, Dominique ; Rouger, M ; Santiard, Jean-Claude ; Saudinos, Jean ; Sauli, Fabio

Proceedings of the Society of Photo-Optical Instrumentation Engineers, 312 (1983) p. 156-163.

- ***Proton nuclear scattering radiography***

Duchazeaubeneix, J C ; Faivre, Jean-Claude ; Garreta, D ; Guillerminet, Bernard ; Legrand, Dominique ; Rouger, M ; Saudinos, Jean ; Charpak, Georges ; Melchart, Gerhard ; Perrin, Yves et al.

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- ***The sources of inspiration in research on particle detectors***

Charpak, Georges, 1989

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Chambres à fils

- ***Evolution des chambres à étincelle en 1968***

G. Charpak

Colloque international sur l'électronique nucléaire, Versailles 10-13 septembre 1968, Tome 3, p1-1

- ***La détection des particules au moyen de décharges dans le gaz***

G. Charpak

Journal de physique, supplement au N°5-6, tome 30, 1969, p. C2-86

- ***Multiwire proportional chambers and drift chambers***

Charpak, Georges ; Sauli, Fabio

Nucl. Instrum. Methods 162 (1979) 405-428

Expérience MICROMEGAS

- ***Micromegas : a high-granularity position-sensitive gaseous detector for high particle-flux environments***

Giomataris, Ioanis (DAPNIA, Saclay) ; Rebourgeard, P C (DAPNIA, Saclay) ; Robert, J P (DAPNIA, Saclay) ; Charpak, Georges (DAPNIA, Saclay)

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<http://cdsweb.cern.ch/record/299159/files/SCAN-9603270.tif>

- ***Micromegas status report***

Baldisseri, Alberto ; Ball, J ; Barouch, G ; Brieu, P P ; Combet, Michel Philippe ; Derré, J ; Durand, R ; Faivre, Jean-Claude ; Giganon, Arnaud ; Giomataris, Ioanis et al.

Rapport CERN-SPSC-98-24 ; SPSC-M-611. - 1998. - 35 p.

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- ***First beam test results with Micromegas, a high rate, high resolution detector***

Derré, J (DAPNIA, Saclay) ; Giganon, Arnaud (DAPNIA, Saclay) ; Giomataris, Ioanis (DAPNIA, Saclay) ; Kochowski, Claude (DAPNIA, Saclay) ; Loucatos, Sotirios S (DAPNIA, Saclay) ; Jourde, Didier (DAPNIA, Saclay) ; Puill, Gael (DAPNIA, Saclay) ; Rebourgeard, P C (DAPNIA, Saclay) ; Robert, J P (DAPNIA, Saclay) ; Charpak, Georges (DAPNIA, Saclay)

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- ***Development of a fast gaseous detector : "micromegas"***

Barouch, G ; Bay, A ; Bouchigny, S ; Charpak, Georges ; Derré, J ; Didierjean, François ; Faivre, Jean-Claude ;

Giomataris, Ioanis ; Kochowski, Claude ; Kunne, Fabienne et al.

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- ***Development of fast gaseous detector "Micromegas"***

Barouch, G ; Bay, A ; Bouchigny, S ; Charpak, Georges ; Derré, J ; Didierjean, François ; Faivre, Jean-Claude ; Giomataris, Ioanis ; Kochowski, Claude ; Kunne, Fabienne et al.

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- ***Fast signals and single electron detection with a Micromegas photodetector***

Derré, J (DSM, DAPNIA, Saclay) ; Giomataris, Ioanis (DSM, DAPNIA, Saclay) ; Rebourgeard, P C (DSM, DAPNIA, Saclay) ; Zacccone, Henri (DSM, DAPNIA, Saclay) ; Perroud, Jean-Pierre (DSM, DAPNIA, Saclay) ; Charpak, Georges (DSM, DAPNIA, Saclay)

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- ***Micromegas, a multipurpose gaseous detector***

Charpak, Georges ; Derré, J ; Giomataris, Ioanis ; Rebourgeard, P C

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- ***Micromegas in a bulk***

Giomataris, Ioanis (Saclay) ; De Oliveira, R (CERN) ; Andriamonje, Samuel A (CEA-Saclay) ;

Aune, S (CEA-Saclay) ; Charpak, Georges (CERN) ; Colas, P (CEA-Saclay) ; Giganon, Arnaud (CEA-Saclay) ; Rebourgeard, P C (CEA-Saclay) ; Salin, P (College de France)

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Geiger limité , chambres Multi-étages , et autres expériences

- ***Some observations concerning the construction of proportional chambers with thick sense wires***

Bréhin, S ; Diamant-Berger, Alain M ; Marel, Gérard ; Tarte, Gérard ; Turlay, René ; Charpak, Georges ; Sauli, Fabio

Nucl. Instrum. Methods 123 (1975) 225-229

- ***New approaches to high-rate particle detectors***

Charpak, Georges (CERN) ; Blumenfeld, P (Saclay) ; Bourdinaud, E (Saclay) ; Duchazeaubeneix, J C (Saclay) ; Garin, A (Saclay) ; Majewski, Stanislaw R (Warsaw U.) ; Melchart, Gerhard (CERN) ; Petersen, Gert (CERN) ; Sauli, Fabio (CERN) ; Walczak, Roman (Warsaw U.)

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- ***Detection of far-ultraviolet photons with the multistep avalanche chamber : application to Cherenkov light imaging and to some problems in high-energy physics***

Charpak, Georges ; Majewski, S R ; Melchart, Gerhard ; Sauli, Fabio ; Ypsilantis, Thomas
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- ***Identification of 200 GeV/c particles using a ring-imaging Cherenkov detector***

Coutrakon, G ; Cribier, Michel ; Hubbard, John R ; Mangeot, Philippe ; Mullié, J C ; Tichit, Jacques ; Bouclier, Roger ; Breskin, Amos ; Charpak, Georges ; Million, Gilbert et al.

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- ***A Hadron-Blind Detector***

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Nucl. Instrum. Methods A 310 (1991) 589-595

- ***New generation of cherenkov counters***

Charpak, Georges ; Giomataris, Ioanis ; Peskov V. et al.

Nucl. Instrum. Methods A 323 (1992) 431-438

- ***Progress in Cherenkov ring imaging ; 1, detection and localization of photons with the multistep proportional chamber***

Bouclier, Roger ; Charpak, Georges ; Cattai, A ; Million, Gilbert ; Peisert, Anna (CERN) ; Santiard, Jean-Claude ; Sauli, Fabio ; Coutrakon, G ; Hubbard, John R ; Mangeot, Philippe et al.

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Optical Trigger

- ***Study of an optical trigger to be used for beauty search in fixed target mode at the LHC***

Charpak, Georges ; Giomataris, Ioanis ; Joseph, C L (et al.)

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Charpak, Georges ; Giomataris, Ioanis ; Lederman, Leon Max

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Expérience nTOF

- ***The importance of $^{22}\text{Ne}(n)^{25}\text{Mg}$ as s-process neutron source and the s-process thermometer ^{151}Sm .***

Aguiar, R L ; Andriamonje, Samuel A ; Angelopoulos, P ; Assimakopoulos, P A ; Audouin, L ; Badurek, G ; Bakos, G A ; Bauge, E ; Baumann, P ; Beer, H et al.

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- ***Determination of the neutron fluence, the beam characteristics and the backgrounds at the CERN-PS TOF facility***

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