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Research interests

Experimental nuclear physics

Research interests

Nuclear applications and detector development

Research outputs

Isospin symmetry breaking in the T=1, A=70 triplet

Zimba, G. L., Ruotsalainen, P., De Gregorio, G., De Angelis, G., Sarén, J., Uusitalo, J., Auranen, K., Briscoe, A. D., Ge, Z., Grahn, T., Greenlees, P. T., Illana, A., Jenkins, D. G., Joukainen, H., Julin, R., Jutila, H., Kankainen, A., Louko, J., Luoma, M., Ojala, J., & 8 others Pakarinen, J., Raggio, A., Rahkila, P., Romero, J., Stryczyk, M., Tolosa-Delgado, A., Wadsworth, R. & Zadornaya, A., 16 Aug 2024, In: Physical Review C. 110, 2, 13 p., 024314.

Corrigendum to "A Segmented Total Energy Detector (sTED) optimized for (n,γ) cross-section measurements at n_TOF EAR2" [Radiat. Phys. Chem. 217 (April 2024) 111525] (Radiation Physics and Chemistry (2024) 217, (S0969806X24000173), (10.1016/j.radphyschem.2024.111525))

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Pushing the high count rate limits of scintillation detectors for challenging neutron-capture experiments

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Cseh, J., Riczu, G. & Jenkins, D. G., 4 Apr 2024, In: Physical Review C. 109, 4, 044309.

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The n_TOF facility at CERN

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the PARIS and MONSTER COLLABORATIONS, Mar 2024, In: Nuovo Cimento della Societa Italiana di Fisica C. 47, 2, 7 p., 19.

High-resolution cross section measurements for neutron interactions on ^{89}Y with incident neutron energies up to 95 keV
The n TOF Collaboration (www.cern.ch/ntof), 31 Jan 2024, In: European Physical Journal A. 60, 1, 18 p., 21.

Nuclear data: A collective motion view

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Characterization of the n-TOF EAR-2 neutron beam

Chen, Y. H., Tassan-Got, L., Audouin, L., Le Naour, C., Durán, I., Casarejos, E., Aberle, O., Andrzejewski, J., Bécaries, V., Bacak, M., Balibrea-Correa, J., Barbagallo, M., Barros, S., Bečvář, F., Beinrucker, C., Berthoumieux, E., Billowes, J., Bosnar, D., Brugger, M., Caamaño, M., & 114 others Calviño, F., Calviani, M., Cano-Ott, D., Cardella, R., Casanovas, A., Castelluccio, D. M., Cerutti, F., Chiaveri, E., Colonna, N., Cortés, G., Cortés-Giraldo, M. A., Cosentino, L., Damone, L. A., Diakaki, M., Domingo-Pardo, C., Dressler, R., Dupont, E., Fernández-Domínguez, B., Ferrari, A. C., Ferreira, P. R., Finocchiaro, P., Furman, V., Göbel, K., Gómez-Hornillos, M. B., García, A. R., Gawlik, A., Glodariu, T., Gonçalves, I. F., González-Romero, E., Goverdovski, A., Griesmayer, E., Guerrero, C., Günsing, F., Harada, H., Heftrich, T., Heinitz, S., Heyse, J., Jenkins, D. G., Jericha, E., Käppeler, F., Kadi, Y., Katabuchi, T., Kavargin, P., Ketlerov, V., Khryachkov, V., Kimura, A., Kivel, N., Kokkoris, M., Krtička, M., Leal-Cidoncha, E., Lederer, C., Leeb, H., Leredegui-Marco, J., Lo Meo, S., Lonsdale, S. J., Losito, R., Macina, D., Marganec, J., Martínez, T., Massimi, C., Mastinu, P. F., Mastromarco, M., Matteucci, F., Mauger, E. A., Mendoza, E., Mengoni, A., Milazzo, P. M., Mingrone, F., Mirea, M., Montesano, S., Musumarra, A., Nolte, R., Oprea, A., Patronis, N., Pavlik, A., Perkowski, J., Porras, J. I., Praena, J., Quesada, J. M., Rajeev, K., Rauscher, T., Reifarh, R., Riego-Perez, A., Robles, M. S., C. Rout, P., Rubbia, C., Ryan, J. A., Sabaté-Gilarte, M., Saxena, A. K., Schillebeekx, P., Schmidt, S. M., Schumann, D., Sedyshev, P., Smith, A. G., Stamatopoulos, A., Tagliente, G., Tain, J. L., Tarifeño-Saldivia, A., Tsinganis, A., Valenta, S., Vannini, G., Variale, V., Vaz, P., Ventura, A., Vlachoudis, V., Vlastou, R., Wallner, A., Warren, S., Weigand, M., Weiss, C., Wolf, C. R., Woods, P. J., Wright, T. & Ugec, P., 13 Sept 2017, *ND 2016: International Conference on Nuclear Data for Science and Technology*. EDP Sciences, Vol. 146. 03020

Dissemination of data measured at the CERN n-TOF facility

Dupont, E., Otuka, N., Cabellos, O., Aberle, O., Aerts, G., Altstadt, S., Alvarez-Pol, H., Alvarez-Velarde, F., Andriamonje, S., Andrzejewski, J., Audouin, L., Bacak, M., Badurek, G., Balibrea-Correa, J., Barbagallo, M., Barros, S., Baumann, P., Bécaries, V., Bečvář, F., Beinrucker, C., & 208 others Belloni, F., Berthier, B., Berthoumieux, E., Billowes, J., Boccone, V., Bosnar, D., Brown, A., Brugger, M., Caamaño, M., Calviani, M., Calviño, F., Cano-Ott, D., Capote, R., Cardella, R., Carrapiço, C., Casanovas, A., Castelluccio, D. M., Cennini, P., Cerutti, F., Chen, Y. H., Chiaveri, E., Chin, J. M., Colonna, N., Cortés, G., Cortés-Giraldo, M. A., Cosentino, L., Couture, A., Cox, M. J., Damone, L. A., David, S., Deo, K., Diakaki, M., Dillmann, I., Domingo-Pardo, C., Dressler, R., Dridi, W., Duran, I., Eleftheriadis, C., Embid-Segura, M., Fernández-Domínguez, B., Ferrant, L., Ferrari, A. C., Ferreira, P. R., Finocchiaro, P., Fraval, K., Frost, R. J. W., Fujii, K., Furman, W., Ganesan, S., Rodríguez-García, A., Gawlik, A., Gheorghie, I., Gilardoni, S., Giubrone, G., Glodariu, T., Göbel, K., Gomez-Hornillos, M. B., Goncalves, I. F., Gonzalez-Romero, E., Goverdovski, A., Gramegna, F., Griesmayer, E., Guerrero, C., Günsing, F., Gurusamy, P., Haight, R., Harada, H., Heftrich, T., Heil, M., Heinitz, S., Hernández-Prieto, A., Heyse, J., Igashira, M., Isaev, S., Jenkins, D. G., Jericha, E., Kadi, Y., Kaeppler, F., Kalamara, A., Karadimos, D., Karamanis, D., Katabuchi, T., Kavargin, P., Kerveno, M., Ketlerov, V., Khryachkov, V., Kimura, A., Kivel, N., Kokkoris, M., Kononov, V., Krtička, M., Kroll, J., Kurtulgil, D., Lampoudis, C., Langer, C., Leal-Cidoncha, E., Lederer, C., Leeb, H., Naour, C. L., Leredegui-Marco, J., Leong, L. S., Licata, M., Lo Meo, S., Lonsdale, S. J., Losito, R., Lozano, M., Macina, D., Manousos, A., Marganec, J., Martinez, T., Marrone, S., Masi, A., Massimi, C., Mastinu, P. F., Mastromarco, M., Matteucci, F., Mauger, E. A., Mazzone, A., Mendoza, E., Mengoni, A., Milazzo, P. M., Mingrone, F., Mirea, M., Mondelaers, W., Montesano, S., Moreau, C., Mosconi, M., Musumarra, A., Negret, A., Nolte, R., O'Brien, S., Oprea, A., Palomo-Pinto, F. R., Pancin, J., Paradela, C., Patronis, N., Pavlik, A., Pavlopoulos, P., Perkowski, J., Perrot, L., Pigni, M. T., Plag, R., Plompen, A., Plukis, L., Poch, A., Porras, I., Praena, J., Pretel, C., Quesada, J. M., Radeck, D., Rajeev, K., Rauscher, T., Reifarh, R., Riego, A., Robles, M. S., Roman, F., C. Rout, P., Rudolf, G., Rubbia, C., Rullhusen, P., Ryan, J. A., Sabaté-Gilarte, M., Salgado, J., Santos-Lang, C., Sarchiapone, L., Sarmento, R., Saxena, A. K., Schillebeekx, P.,

Schmidt, S. M., Schumann, D., Sedyshev, P., Smith, A. G., Sosnin, N. V., Stamatopoulos, A., Stephan, C., Suryanarayana, S. V., Tagliente, G., Tain, J. L., Tarifeño-Saldivia, A., Tarrío, D., Tassan-Got, L., Tavora, L., Terlizzi, R., Tsinganis, A., Valenta, S., Vannini, G., Variale, V., Vaz, P., Ventura, A., Versaci, R., Vermeulen, M. J., Villamarin, D., Vicente, M. C., Vlachoudis, V., Vlastou, R., Voss, F., Wallner, A., Walter, T. S., Ware, T., Warren, S., Weigand, M., Weiß, C., Wolf, C. R., Wiesher, M., Wisshak, K., Woods, P. J., Wright, T. & Ž Ugec, P., 13 Sept 2017, *ND 2016: International Conference on Nuclear Data for Science and Technology*. EDP Sciences, Vol. 146. 07002

High accuracy $^{234}\text{U}(n,f)$ cross section in the resonance energy region

Leal-Cidoncha, E., Durán, I., Paradela, C., Tassan-Got, L., Audouin, L., Leal, L. C., Naour, C. L., Noguere, G., Tarrío, D., Leong, L. S., Altstadt, S., Andrzejewski, J., Barbagallo, M., Bécares, V., Bečvář, F., Belloni, F., Berthoumieux, E., Billowes, J., Boccone, V., Bosnar, D., & 91 othersBrugger, M., Calviani, M., Calviño, F., Cano-Ott, D., Carrapiço, C., Cerutti, F., Chiaveri, E., Chin, J. M., Colonna, N., Cortés, G., Cortés-Giraldo, M. A., Diakaki, M., Domingo-Pardo, C., Dressler, R., Eleftheriadis, C., Ferrari, A. C., Fraval, K., Ganesan, S., García, A. R., Giubrone, G., Gómez-Hornillos, M. B., Gonçalves, I. F., González-Romero, E., Griesmayer, E., Guerrero, C., Günsing, F., Gurusamy, P., Hernández-Prieto, A., Jenkins, D. G., Jericha, E., Kadi, Y., Käppeler, F., Karadimos, D., Kivel, N., Kokkoris, M., Krčička, M., Kroll, J., Lampoudis, C., Langer, C., Lederer, C., Leeb, H., Losito, R., Mallick, A., Manousos, A., Marganec, J., Martínez, T., Massimi, C., Mastinu, P. F., Mastromarco, M., Meaze, M., Mendoza, E., Mengoni, A., Milazzo, P. M., Mingrone, F., Mirea, M., Mondelaers, W., Pavlik, A., Perkowski, J., Plompen, A., Praena, J., Quesada, J. M., Rauscher, T., Reifarth, R., Riego, A., Robles, M. S., Roman, F., Rubbia, C., Sabaté-Gilarte, M., Sarmiento, R., Saxena, A. K., Schillebeeckx, P., Schmidt, S. M., Schumann, D., Tagliente, G., Tain, J. L., Tsinganis, A., Valenta, S., Vannini, G., Variale, V., Vaz, P., Ventura, A., Versaci, R., Vermeulen, M. J., Vlachoudis, V., Vlastou, R., Wallner, A., Ware, T., Weigand, M., Weiß, C., Wright, T. & Ugec, P., 13 Sept 2017, *ND 2016: International Conference on Nuclear Data for Science and Technology*. EDP Sciences, Vol. 146. 04057

High precision measurement of the radiative capture cross section of ^{238}U at the n-TOF CERN facility

Mingrone, F., Altstadt, S., Andrzejewski, J., Audouin, L., Bécares, V., Barbagallo, M., Bečvář, F., Belloni, F., Berthoumieux, E., Billowes, J., Boccone, V., Bosnar, D., Brugger, M., Calviño, F., Calviani, M., Cano-Ott, D., Carrapiço, C., Cerutti, F., Chiaveri, E., Chin, J. M., & 97 othersColonna, N., Cortés, G., Cortés-Giraldo, M. A., Diakaki, M., Domingo-Pardo, C., Dressler, R., Durán, I., Eleftheriadis, C., Ferrari, A. C., Fraval, K., Furman, V., Göbel, K., Gómez-Hornillos, M. B., Ganesan, S., García, A. R., Giubrone, G., Gonçalves, I. F., González-Romero, E., Goverdovski, A., Griesmayer, E., Guerrero, C., Günsing, F., Heftrich, T., Hernández-Prieto, A., Heyse, J., Jenkins, D. G., Jericha, E., Käppeler, F., Kadi, Y., Karadimos, D., Katabuchi, T., Ketlerov, V., Khryachkov, V., Kivel, N., Koehler, P., Kokkoris, M., Kroll, J., Krčička, M., Lampoudis, C., Langer, C., Leal-Cidoncha, E., Lederer, C., Leeb, H., Leong, L. S., Leredegui-Marco, J., Losito, R., Mallick, A., Manousos, A., Marganec, J., Martínez, T., Massimi, C., Mastinu, P. F., Mastromarco, M., Mendoza, E., Mengoni, A., Milazzo, P. M., Mirea, M., Mondelaers, W., Paradela, C., Pavlik, A., Perkowski, J., Plompen, A. J. M., Praena, J., Quesada, J. M., Rauscher, T., Reifarth, R., Riego-Perez, A., Robles, M. S., Rubbia, C., Ryan, J. A., Sabaté-Gilarte, M., Sarmiento, R., Saxena, A. K., Schillebeeckx, P., Schmidt, S. M., Schumann, D., Sedyshev, P., Tagliente, G., Tain, J. L., Tarifeño-Saldivia, A., Tarrío, D., Tassan-Got, L., Tsinganis, A., Valenta, S., Vannini, G., Variale, V., Vaz, P., Ventura, A., Vermeulen, M. J., Vlachoudis, V., Vlastou, R., Wallner, A., Ware, T., Weigand, M., Weiss, C., Wright, T. & Ž Ugec, P., 13 Sept 2017, *ND 2016: International Conference on Nuclear Data for Science and Technology*. EDP Sciences, Vol. 146. 11028

Measurement of the $^{240}\text{Pu}(n,f)$ cross-section at the CERN n-TOF facility: First results from experimental area II (EAR-2)

Stamatopoulos, A., Tsinganis, A., Colonna, N., Vlastou, R., Kokkoris, M., Schillebeeckx, P., Plompen, A., Heyse, J., Ugec, P., Barbagallo, M., Calviani, M., Berthoumieux, E., Chiaveri, E., Aberle, O., Andrzejewski, J., Audouin, L., Bécares, V., Bacak, M., Balibrea-Correa, J., Barros, S., & 111 othersBečvář, F., Beinrucker, C., Belloni, F., Billowes, J., Boccone, V., Bosnar, D., Brugger, M., Caamaño, M., Calviño, F., Cano-Ott, D., Cerutti, F., Cortés, G., Cortés-Giraldo, M. A., Cosentino, L., Damone, L. A., Deo, K., Diakaki, M., Domingo-Pardo, C., Dressler, R., Dupont, E., Durán, I., Fernández-Domínguez, B., Ferrari, A. C., Ferreira, P. R., Finocchiaro, P., Frost, R. J. W., Furman, V., Göbel, K., Gómez-Hornillos, M. B., García, A. R., Gheorghie, I., Glodariu, T., Gonçalves, I. F., González-Romero, E., Goverdovski, A., Griesmayer, E., Guerrero, C., Günsing, F., Harada, H., Heftrich, T., Heinitz, S., Hernández-Prieto, A., Jenkins, D. G., Jericha, E., Käppeler, F., Kadi, Y., Katabuchi, T., Kavrigin, P., Ketlerov, V., Khryachkov, V., Kimura, A., Kivel, N., Krčička, M., Leal-Cidoncha, E., Lederer, C., Leeb, H., Leredegui-Marco, J., Licata, M., Lo Meo, S., Losito, R., Macina, D., Marganec, J., Martínez, T., Massimi, C., Mastinu, P. F., Mastromarco, M., Matteucci, F., Mendoza, E., Mengoni, A., Milazzo, P. M., Mingrone, F., Mirea, M., Montesano, S., Musumarra, A., Nolte, R., Palomo-Pinto, F. R., Paradela, C., Patronis, N., Pavlik, A., Perkowski, J., Porras, J. I., Praena, J., Quesada, J. M., Rauscher, T., Reifarth, R., Riego-Perez, A., Robles, M. S., Rubbia, C., Ryan, J. A., Sabaté-Gilarte, M., Saxena, A. K., Schmidt, S. M., Schumann, D., Sedyshev, P., Smith, A. G., Suryanarayana, S. V., Tagliente, G., Tain, J. L., Tarifeño-Saldivia, A., Tassan-Got, L., Valenta, S., Vannini, G., Variale, V., Vaz, P., Ventura, A., Vlachoudis, V., Wallner, A., Warren, S., Weigand, M., Weiss, C. & Wright, T., 13 Sept 2017, *ND 2016: International Conference on Nuclear Data for Science and Technology*. EDP Sciences, Vol. 146. 04030

Measurement of the ^{241}Am neutron capture cross section at the n-TOF facility at CERN

Mendoza, E., Cano-Ott, D., Altstadt, S., Andriamonje, S., Andrzejewski, J., Audouin, L., Balibrea-Correa, J., Bécares, V., Barbagallo, M., Bečvář, F., Belloni, F., Berthier, B., Berthoumieux, E., Billowes, J., Boccone, V., Bosnar, D., Brugger, M., Calviño, F., Calviani, M., Carrapiço, C., & 105 othersCerutti, F., Chiaveri, E., Chin, J. M., Colonna, N., Cortés, G., Cortés-

Giraldo, M. A., Diakaki, M., Dillmann, I., Domingo-Pardo, C., Durán, I., Dzysiuk, N., Eleftheriadis, C., Fernández-Ordóñez, M., Ferrari, A. C., Fraval, K., Furman, V., Gómez-Hornillos, M. B., Ganesan, S., García, A. R., Giubrone, G., Gonçalves, I. F., González-Romero, E., Goverdovski, A., Griesmayer, F., Griesmayer, E., Guerrero, C., Gunsing, F., Gurusamy, P., Heftrich, T., Heinitz, S., Hernández-Prieto, A., Heyse, J., Jenkins, D. G., Jericha, E., Käppeler, F., Kadi, Y., Karadimos, D., Katabuchi, T., Ketlerov, V., Khryachkov, V., Koehler, P., Kokkoris, M., Kroll, J., Krůčka, M., Lampoudis, C., Langer, C., Leal-Cidoncha, E., Lederer, C., Leeb, H., Leong, L. S., Lerendegui-Marco, J., Licata, M., Losito, R., Manousos, A., Marganec, J., Martínez, T., Massimi, C., Mastinu, P. F., Mastromarco, M., Mengoni, A., Milazzo, P. M., Mingrone, F., Mirea, M., Mondelaers, W., Paradela, C., Pavlik, A., Perkowski, J., Plompen, A. J. M., Praena, J., Quesada, J. M., Rauscher, T., Reifarh, R., Riego-Perez, A., Robles, M. S., Roman, F., Rubbia, C., Ryan, J. A., Sabaté-Gilarte, M., Sarmiento, R., Saxena, A. K., Schillebeeckx, P., Schmidt, S. M., Schumann, D., Sedyshev, P., Tagliente, G., Tain, J. L., Tarifeño-Saldivia, A., Tarrío, D., Tassan-Got, L., Tsinganis, A., Valenta, S., Vannini, G., Variale, V., Vaz, P., Ventura, A., Vermeulen, M. J., Versaci, R., Vlachoudis, V., Vlastou, R., Wallner, A., Ware, T., Weigand, M., Weiss, C., Wright, T. & Žugec, P., 13 Sept 2017, *ND 2016: International Conference on Nuclear Data for Science and Technology*. EDP Sciences, Vol. 146. 11022

Measurement of the neutron capture cross section of the fissile isotope ^{235}U with the CERN n-TOF total absorption calorimeter and a fission tagging based on micromegas detectors

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Monte carlo simulations of the n-TOF lead spallation target with the Geant4 toolkit: A benchmark study

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New measurement of the $^{242}\text{Pu}(n,\gamma)$ cross section at n-TOF-EAR1 for MOX fuels: Preliminary results in the RRR

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The $^{33}\text{S}(n,\alpha)^{30}\text{Si}$ cross section measurement at n-TOF-EAR2 (CERN): From 0.01 eV to the resonance region

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The n-TOF facility: Neutron beams for challenging future measurements at CERN

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Time-of-flight and activation experiments on ^{147}Pm and ^{171}Tm for astrophysics

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Flexible silicon-based alpha-particle detector

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Spectroscopic factor and proton formation probability for the $d_{3/2}$ proton emitter ^{151}mLu

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Magnetic rotation in Sn-106 and Sn-108

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Activities

Stars, shapes and clusters

David Jenkins (Chair)
4 Oct 2023

Consultancy on novel radiation detectors

David Jenkins (Advisor)
27 May 2023 → 30 Jun 2024

Stars, shapes and clusters

David Jenkins (Invited speaker)
17 May 2023

Stars, shapes and clusters

David Jenkins (Invited speaker)
3 May 2023

Equality and Diversity in Physics from a UK perspective

David Jenkins (Chair)
10 Jun 2021

Fusion in massive stars: Pushing the $^{12}\text{C}+^{12}\text{C}$ reaction to the limits

David Jenkins (Chair)
9 Jun 2021

Radiation detectors for industrial and medical applications

David Jenkins (Keynote/plenary speaker)
14 Nov 2020

Fusion in massive stars

David Jenkins (Keynote/plenary speaker)
11 Sept 2019

Fusion in massive stars: Pushing the $^{12}\text{C}+^{12}\text{C}$ reaction to the limits with STELLA

David Jenkins (Speaker)
13 May 2019 → 17 May 2019

University of the Western Cape

David Jenkins (Advisor)

11 Mar 2019 → 15 Mar 2019

Flexible silicon detectors for alpha particle detection

David Jenkins (Speaker)

13 Nov 2018

Nuclear applications

David Jenkins (Chair)

8 Oct 2018 → 12 Oct 2018

Fusion in massive stars: Pushing the $^{12}\text{C}+^{12}\text{C}$ cross-section to the limits with the STELLA experiment at IPN Orsay

David Jenkins (Invited speaker)

5 Sept 2018

Fusion in massive stars: Pushing the $^{12}\text{C}+^{12}\text{C}$ cross-section to the limits with the STELLA experiment at IPN Orsay

David Jenkins (Invited speaker)

5 Jun 2018

Nuclear data consultancy

David Jenkins (Consultant)

1 Jun 2017 → 30 May 2019

Isospin non-conserving forces

David Jenkins (Invited speaker)

16 May 2017

IOP Publishing (Publisher)

David Jenkins (Editor)

1 Mar 2017 → ...

Isospin non-conserving forces in nuclei studied through triplet energy differences

David Jenkins (Speaker)

15 Sept 2016

Next generation gamma-ray detectors for nuclear physics based on large scintillators coupled to silicon photomultipliers

David Jenkins (Speaker)

12 May 2016

Novel scintillator detectors for nuclear physics and applications

David Jenkins (Speaker)

17 Sept 2015

Isospin conserving forces in nuclei studied through triplet energy differences

David Jenkins (Speaker)

8 Jul 2015

Isospin non-conserving forces probed through studies of isospin triplets

David Jenkins (Speaker)

16 Jun 2015

SCIENCE & TECHNOLOGY FACILITIES COUNCIL (STFC) (External organisation)

David Jenkins (Member)

1 Jan 2015 → 1 Jan 2017

Invited lecture series at Tastes of Nuclear Physics

David Jenkins (Invited speaker)
4 Nov 2014 → 6 Nov 2014

Invited Colloquium

David Jenkins (Invited speaker)
21 Oct 2014

Invited lecture series at SERC School on Nuclear Physics

David Jenkins (Invited speaker)
20 Oct 2014 → 24 Oct 2014

India-UK Seminar on nuclear physics with ISOLDE

David Jenkins (Organiser)
22 Jan 2014 → 24 Jan 2014

Workshop on large arrays of novel scintillators

David Jenkins (Organiser)
15 Jan 2014 → 16 Jan 2014

CERN academic lecture series

David Jenkins (Invited speaker)
29 May 2013 → 31 May 2013

Research seminar

David Jenkins (Invited speaker)
9 May 2013

iThemba LABS

David Jenkins (Researcher)
20 Apr 2013 → 15 May 2013

IOP Nuclear Physics Conference

David Jenkins (Chair)
8 Apr 2013 → 10 Apr 2013

ICRTNP-12

David Jenkins (Invited speaker)
19 Nov 2012

Cluster 2012

David Jenkins (Invited speaker)
25 Sept 2012

CAARI 2012

David Jenkins (Invited speaker)
8 Aug 2012

Prizes**Fellow of University of Strasbourg Institute of Advanced Studies**

Jenkins, David (Recipient), 1 Jan 2014

Rutherford Medal and Prize

Jenkins, David (Recipient), 16 Oct 2023

Awards

FRIB Accelerated-beams for Understanding Science and Technology

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC): £313,734.00

1/01/24 → 31/12/27

Projects

202Rn experiment

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

20/08/10 → 19/11/10

3D radioactive scanning system (3D-RSS)

Jenkins, D. & Post, M. A.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/01/23 → 31/12/23

Costed Extension to R21144 MANDELA

Jenkins, D., Bashkanov, M. & Watts, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/04/22 → 31/03/23

Development of a segmented LaBr₃(Ce)-detector module to improve nuclear data collection - An exploitation of Compton events for better identification of low-energy low-intensity peaks in the energy spectra

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/10/21 → 31/12/21

ENSAR 2

Jenkins, D.

EUROPEAN COMMISSION

1/03/16 → 31/08/21

EPSRC IAA: Knowledge transfer on nuclear isomers to AWE

Jenkins, D.

EPSRC

1/04/21 → 30/06/21

EPSRC IAA: Colour neutron tomography

Jenkins, D.

EPSRC

7/10/19 → 31/03/20

Exploring shape co-existence in 202, 204Rn

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

26/04/10 → 25/08/10

FRIB Accelerated-beams for Understanding Science and Technology

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/01/24 → 31/12/27

Gamma detection with new advanced scintillators

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/11/11 → 31/10/14

Gr/R75526

Jenkins, D.
EPSRC
1/10/02 → 30/09/07

High-Performance Portable Isotope Identification

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/06/14 → 31/05/15

India-UK Seminar on Physics at ISOLDE

Jenkins, D.
THE ROYAL SOCIETY
6/12/13 → 31/01/14

Inelastic proton scattering of ^{21}Na in inverse kinematics

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
17/12/08 → 16/03/09

MeVQE: A World-leading Centre for MeV Scale Entanglement Physics

Watts, D., Bashkanov, M., D'Amico, I., Dobaczewski, J. J., Jenkins, D. & Zachariou, N.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/09/22 → 31/08/24

Mirror Nuclei studied at NSCL (Michigan) using mirrored direct knockout

Bentley, M., Davies, P. J., Jenkins, D., Wadsworth, R., Henry, T. W., Milne, S. A., Scruton, L. M., Diget, C. A. & Nichols, A. J.
1/05/07 → ...

Modern African Nuclear Detector Laboratory

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/04/19 → 31/03/22

NUTRAIN: Translating nuclear applications from University of York to University of Western Cape and University of Zululand

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/01/18 → 31/12/18

New generation nuclear detectors for use in well logging

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
30/07/14 → 29/09/15

Nuclear Astrophysics with Gammasphere & REX-ISOLDE

Jenkins, D.
EPSRC

2/05/05 → 1/11/07

Nuclear Data Fission Yields, Decay Heat & Neutron Reaction Cross Sections

Jenkins, D.

EPSRC

1/10/10 → 31/12/14

Nuclear Physics Consolidated Grant

Wadsworth, R., Wadsworth, R., Andreyev, A., Andreyev, A., Barton, C. J., Diget, C. A., Diget, C. A., Fulton, B. R., Fulton, B. R., Jenkins, D., Jenkins, D., Laird, A. M. & Laird, A. M.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/08/14 → 30/09/18

Nuclear Physics Consolidated Grant

Jenkins, D., Andreyev, A., Bentley, M., Diget, C. A., Dobaczewski, J. J., Fulton, B. R., Laird, A. M., Paschalis, S., Pastore, A., Petri, M. & Wadsworth, R.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/10/17 → 30/09/22

Nuclear Physics Consolidated Grant 2021-2024

Jenkins, D., Andreyev, A., Bashkanov, M., Bentley, M., Dobaczewski, J. J., Laird, A. M., Paschalis, S., Pastore, A., Petri, M., Wadsworth, R., Watts, D. & Zachariou, N.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/10/21 → 31/03/25

Nuclear Physics Consolidated Grant 2024-2027

Jenkins, D., Andreyev, A., Bashkanov, M., Bentley, M., Diget, C. A., Dobaczewski, J. J., Laird, A. M., Paschalis, S., Petri, M., Wadsworth, R., Watts, D. & Zachariou, N.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/10/24 → 30/09/27

Position reconstruction of gamma-ray interaction in scintillator crystals

Paschalis, S. & Jenkins, D.

1/02/17 → 1/02/19

Position reconstruction of gamma-ray interaction in scintillator crystals

Paschalis, S. & Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/02/17 → 31/01/19

Precision tests of the nuclear wavefunction using

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/08/07 → 31/07/09

Public Engagement for Nuclear Science

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

1/10/07 → 30/09/09

RADCASE: Functional materials for radiation detection

Jenkins, D.

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)

13/09/21 → 12/09/22

RPF 13/14 Digital data acquisition for nuclear physics

Jenkins, D.
1/08/13 → 1/08/14

Real Time Miniaturised in situ Blood Counting System for PET Preclinical Studies

Paschalis, S. & Jenkins, D.
1/01/17 → 30/11/17

Real Time Miniaturised in Situ Blood Counting System for PET Preclinical Studies

Paschalis, S. & Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/01/17 → 30/11/17

Recoil Decay Tagging of ^{180}Pb

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
6/04/09 → 5/10/09

STFC IAA: Colour neutron tomography

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/08/20 → 31/03/21

STFC Institutional Sponsorship 2021/22: International Partnerships

Thompson, S. M., Emberson, L. D. & Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/09/21 → 31/03/22

Single atom imaging

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
1/10/12 → 31/03/13

Two photon experiment

Jenkins, D.
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL (STFC)
20/08/10 → 20/11/10