



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6260

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Fisica Aldo Pontremoli** Scientist- in – charge: **PROF. Attilio Andreazza**

[Siddharth Parashari]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Parashari
Name	Siddharth

PRESENT OCCUPATION

Appointment	Structure

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Physics	Aliagr Muslim University, Aligarh, India	2014
Specialization	-	-	-
PhD	Physics	The Maharaja Sayajirao University of Baroda, Vadodara, India	2021
Master	-	-	-
Degree of medical specialization	-	-	-
Degree of European specialization	-	-	-
Other	-	-	-

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of Association	City
-	-	-



FOREIGN LANGUAGES

Languages	level of knowledge
English	Advanced Level

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2016-2017	Junior Research Fellowship from Department of Atomic Energy - Board of Research in Nuclear Sciences (DAE-BRNS) on project "Study of neutron induced reaction cross sections up to 18 MeV for advanced reactor design", grant sanction number 36(6)/14/22/2016-BRNS/36022
2018-2020	Senior Research Fellowship from DAE-BRNS on the project "Study of neutron induced reaction cross sections up to 18 MeV for advanced reactor design", grant sanction number 36(6)/14/22/2016-BRNS/36022.

TRAINING OR RESEARCH ACTIVITY

<p>description of activity</p> <p>As a former postdoctoral fellow at the Department of Physics, Faculty of Science, University of Zagreb, Croatia, I worked on the "Single Layer Gamma-Ray Polarimeter for Medical Imaging Applications and Fundamental Physics Research (SiLGaP)" project from 4th March 2021 till 17th October 2023. The project involves investigating and measuring polarization correlations and the entangled nature of the gamma rays generated in a positron annihilation. My research work in SiLGaP project was primarily focused on the detector development for the measurement of azimuthal correlations of annihilation gammas from positron annihilation using Compton scattering. I am well trained utilizing finely segmented scintillator crystals, such as GaGG and/or LYSO with silicon photomultiplier (SiPM) readouts. The detectors were used to develop a PET demonstrator to test the implementation of gamma polarization correlation into the image reconstruction and to see its effects on the signal-to-background (S/B) and signal-to-noise (SNR) ratio. I have research interests in detector development for applications in nuclear/particle physics, development of PET and/or Compton Cameras. I also have extensive experience with experiments to measure the production cross-sections of different medical isotopes like ^{99m}Mo, ^{99m}Tc, ^{58}Co, etc. using various reaction channels with neutron, proton, and heavy-ion beams. I am proficient in programming with C++, data analysis, and post-processing with the ROOT analysis framework, performing simulations using GEANT4, and have a good knowledge of particle interactions. I have worked with multiple read-out systems and can easily adapt to newly developed systems. I also have initial training in image reconstruction using different algorithms. I have hand-on experience working with gamma, neutron, and charged particle beams generated using different accelerators for isotope production, nuclear reaction cross-section, and other measurements for various applications.</p>

PROJECT ACTIVITY

Year	Project
2023	Closing the Door on the "Puzzle of Decoherence" of Annihilation Quanta, arXiv:2304.11362v4 , https://doi.org/10.48550/arXiv.2304.11362
2022	Optimization of detector modules for measuring gamma-ray polarization in Positron Emission Tomography, <i>Nucl. Instr. Meth. Phys. A</i> (2022) 167186.
2022	Measurement of angular correlations of Compton-scattered gamma quanta from positron annihilation using GAGG:Ce scintillator matrices with single-side readout, <i>J. Inst.</i> 17 (2022) C09007.
2019	Measurement of the $^{58}\text{Ni}(n, p)^{59}\text{Co}$ and $^{58}\text{Ni}(n, 2n)^{57}\text{Ni}$ reaction cross-sections for the fast neutron energies upto 18 MeV, <i>Eur. Phys. Jour. A</i> (2019) 55: 51.



2019	Systematic analysis of the neutron induced reaction cross sections for ^{nat}Mo isotopes within 10-20 MeV. Phys. Rev. C 99, 044602 (2019).
2018	Measurement of $^{232}\text{Th}(n, \gamma)$ reaction cross sections in the neutron energy range of 11–19 MeV Phys. Rev. C 98, 014625 (2018).
2016-2020	Study of neutron induced reaction cross sections up to 18 MeV for advanced reactor design.

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
26-28 April 2023	International workshop, Positronium, from Quantum Physics to Medical Applications	Split Croatia
12-16 April 2023	1st workshop on Nuclear Physics(NPW-2022)	Surat, India (Online)
12-15 July 2022	4th Jagiellonian Symposium on Advances in Particle Physics and Medicine	Krakow, Poland
21-25 February 2022	The 16th Vienna Conference on Instrumentation	Vienna, Austria (Online)
16-23 October 2021	IEEE Nuclear Science Symposium and Medical Imaging Conference, 28th International Symposium on Room-Temperature Semiconductor Detectors	Virtual Conference, Nuclear and Plasma Science Society, Japan
12-17 September 2021	12th International Conference on Position Sensitive Detectors	Birmingham, UK
8-10 June 2021	High Precision X-ray Measurements 2021 conference	Frascati, Italy (Online)
2-4 March 2020	Centenary Celebration Conference on Nuclear Structure and Nuclear Reactions	Aligarh, India
12-16 November 2019	EXFOR-2019, 8th DAE-BRNS Workshop on Compilation of Experimental Nuclear Data	Vadodara, India
10-14 December 2018	63rd DAE-BENS Symposium on Nuclear Physics	BARC, Mumbai, India
2-22 January 2018	School Cum First Collaborational Meeting on Computational Nuclear Structure and Reactions (CMNSR2018)	Kolkata, India
6-10 March 2017	EXFOR-2017, DAE-BRNS-NEHU Workshop on Nuclear Reaction Data Compilation	Shillong, India
13-14 March 2017	National workshop on Error Propagation in Nuclear Reaction Data Measurement	Mizoram, India
10-13 October 2017	International Conference on High Energy Radiation and Applications	Vadodara, India
20-24 December 2017	62nd DAE symposium on Nuclear Physics	Patiala, India



5-9 December 2016	61st DAE symposium on Nuclear Physics	Kolkata, India
7-11 December 2015	60th DAE symposium on Nuclear Physics	Prashanti Nilayam, India
15-16 February 2016	National Conference on Recent Trends in Nuclear Physics	Aliagr, India

PUBLICATIONS

Books

Articles in reviews
'Investigation of $^{58}\text{Ni}(n, p)^{58}\text{Co}$ reaction cross-section with covariance analysis' Akash Manishbhai Hingu, Surjit Mukherjee, Siddharth Parashari , et. al., Chinese Phys. C, 48 (2), (2024) 024001.
'Measurement of angular correlations of Compton-scattered gamma quanta from positron annihilation using GAGG:Ce scintillator matrices with single-side readout' Siddharth Parashari et. al., J. Inst. 17 (2022) C09007.
'Optimization of detector modules for measuring gamma-ray polarization in Positron Emission Tomography' Siddharth Parashari , et. al., Nucl. Instr. Meth. Phys. A (2022) 167186.
'Cross-sections for production of $^{115\text{m}}\text{In}$ by quasi-monoenergetic neutrons within 7-20 MeV' Akash Hingu, Bhargav Soni, Siddharth Parashari , et. al., Rad. Phys. Chem. 199 (2022) 110270.
'Study of Multi-Pixel Scintillator Detector Configurations for Measuring Polarized Gamma Radiation' Ana Marija Kožuljević, Damir Bosnar, Zdenka Kuncic, Mihael Makek, Siddharth Parashari , and, Petar Žugec, Condens. Matter 2021, 6(4), 43.
'Measurement of cross sections for flux monitor reactions using quasi-monoenergetic neutrons' Vibhuti Vashi, Rajnikant Makwana, S. Mukherjee, B. K. Soni, M. H. Mehta, S. Parashari , R. K. Singh, R. Chauhan, S. V. Suryanarayana, B. K. Nayak, S. C. Sharma, H. Naik, N. L. Singh, and T. N. Nag, European Physical Journal Plus 136 (2021) 746.
'Semi-empirical systematics formulas for the (n, p), (n, α), and (n, 2n) reaction cross-sections at 14.5 MeV' Akash Hingu, Siddharth Parashari , Suraj K. Singh, Bhargav Soni, and, S. Mukherjee, Radiation Physics and Chemistry 188 (2021) 109634.
'Measurement of $^{90}\text{Zr}(n, 2n)^{89}\text{Zr}$ and $^{90}\text{Zr}(n, p)^{90\text{m}}\text{Y}$ reaction cross-sections in the neutron energy range of 10.95 to 20.02 MeV' Mayur Mehta, N. L. Singh, R. K. Singh, Siddharth Parashari , et. al., Journal of Radioanalytical and Nuclear Chemistry 328 (2021) 71.
'Novel concrete compositions for γ -rays and neutron shielding using WC and B ₄ C'



Bhargav K. Soni, Rajnikant Makwana, S.Mukherjee, Surendra Singh Barala, Siddharth Parashari , R. Chauhan, A. S. Jodha, K. Katovsky, Results in Materials 10 (2021) 100177.
'Measurement of (n, xn) reaction cross-sections on $^{113,115}\text{In}$ isotopes using quasi-monoenergetic neutrons within 10-20 MeV' Bhargav Soni, Siddharth Parashari , S. Mukherjee, Rajnikant Makwana, S. V. Suryanarayana, B. K. Nayak, H. Naik, and K. Katovsky, European Physical Journal Plus 135 (2020) 300.
'Investigation of (γ , p) reaction cross-section calculations of ^{40}Ca , ^{70}Ge and ^{90}Zr isotopes' Yusuf Kavun, Siddharth Parashari and E. Tel, Applied radiation and isotopes, 164 (2020) 109318.
'Measurements of $^{181}\text{Ta}(n, 2n)^{180}\text{Ta}$ reaction cross-section at the neutron energy of 14.78 MeV' Bhargav K Soni, Siddharth Parashari , S Mukherjee, et. al., Indian Journal of Pure and Applied Physics 58 (2020) 228.
'Measurement of the $^{58}\text{Ni}(n, p)^{59}\text{Co}$ and $^{58}\text{Ni}(n, 2n)^{57}\text{Ni}$ reaction cross-sections for the fast neutron energies up to 18 MeV' Siddharth Parashari , et. al., Eur. Phys. Jour. A (2019) 55: 51.
'Systematic analysis of the neutron induced reaction cross sections for $^{\text{nat}}\text{Mo}$ isotopes within 10-20 MeV' Siddharth Parashari , S. Mukherjee, S.V. Suryanarayana, B.K. Nayak, R. Makwana, N.L. Singh, and H. Naik Phys. Rev. C 99, 044602 (2019).
'Excitation function of the $^{\text{nat}}\text{Ti}(p, x)^{48\text{V},47,46,44\text{m}}\text{Sc}$ reactions within the energy range of 10-22 MeV' Siddharth Parashari , et. al., Nucl. Phys. A. 987 (2019) 128–143.
'Excitation function of the $p + ^{\text{nat}}\text{Ag}$ reactions in the energy range 10-22 MeV' Siddharth Parashari , et. al., Nucl. Phys. A 979 (2018) 102-112.
'Excitation functions of the $p + ^{93}\text{Nb}$ reaction in the energy range 10-22 MeV' Siddharth Parashari , et. al., Nucl. Phys. A 978 (2018) 160–172.
'Measurement of $^{232}\text{Th}(n, \gamma)$ reaction cross sections in the neutron energy range of 11–19 MeV' Siddharth Parashari , et. al., Phys. Rev. C 98, 014625 (2018).
Investigation of (n, p), (n, 2n) reaction cross sections for Sn isotopes for fusion reactor applications' Siddharth Parashari , et. al., Applied Radiation and Isotopes 133 (2018) 31–37.
'Measurement of neutron induced $^{86}\text{Sr}(n, 2n)^{85}\text{Sr}$ reaction cross sections at different neutron energies' Nidhi Shetty, Rajnikant Makwana, Mayur Mehta, S. Mukherjee, N.L. Singh, S.V. Suryanarayana, Siddharth Parashari , R. Singh, H. Naik, S.C. Sharma, S. Ayyala, B. Soni, R. Chauhan App. Rad. iso. 154 (2019) 108866.
'Systematic study of the break-up fusion process in the $^{12}\text{C} + ^{165}\text{Ho}$ system and interplay of entrance channel parameters' Suhail A. Tali, Harish Kumar, M. Afzal Ansari, Asif Ali, D. Singh, Rahbar Ali, Pankaj K. Giri, Sneha B. Linda, R. Kumar, Siddharth Parashari , S. Muralithar, and R. P. Singh Phys. Rev C 100 (2019) 024622.



<p>'Systematic study of low energy incomplete-fusion dynamics in the $^{16}\text{O} + ^{148}\text{Nd}$ system: Role of target deformation'</p> <p>Pankaj K. Giri, D. Singh, Amritraj Mahato, Sneha B. Linda, Harish Kumar, Suhail A. Tali, Siddharth Parashari, Asif Ali, M. Afzal Ansari, Rakesh Dubey, R. Kumar, S. Muralithar, and R. P. Singh, Phys. Rev C 100 (2019) 024621.</p>
<p>'Systematic study of incomplete-fusion dynamics below 8 MeV/nucleon energy'</p> <p>Harish Kumar, Suhail A. Tali, M. Afzal Ansari, D. Singh, Rahbar Ali, Asif Ali, Siddharth Parashari, Pankaj K. Giri, Sneha B. Linda, R. Kumar, R. P. Singh, and S. Muralithar, Phys. Rev C 99 (2019) 034610.</p>
<p>'Role of alpha cluster over non alpha cluster projectile in low energy incomplete fusion reaction dynamics'</p> <p>Suhail A. Tali, Harish Kumar, M. Afzal Ansari, Asif Ali, D. Singh, Rahbar Ali, Pankaj K. Giri, Sneha B. Linda, R. Kumar, Siddharth Parashari, R. P. Singh, and S. Muralithar, Indian Journal of Pure and Applied Sciences 57 (2019) 544.</p>
<p>'Measurement of ^{232}Th and ^{238}U neutron capture cross-sections in the energy range 5–17 MeV'</p> <p>S. Mukherjee, Vibha Vansola, Siddharth Parashari, et. al., Applied Radiation and Isotopes 143 (2019) 72-78.</p>
<p>'Neutron capture cross-sections for ^{159}Tb isotope in the energy range of 5 to 17 MeV'</p> <p>B.K. Soni, Rajnikant Makwana, S. Mukherjee, Siddharth Parashari, et. al., App. Rad. Iso. 141 (2018) 10–14.</p>
<p>'Measurement of excitation functions of evaporation residues in the $^{16}\text{O} + ^{124}\text{Sn}$ reaction and investigation of the dependence of incomplete fusion dynamics on entrance channel parameters'</p> <p>D Singh, Sneha B Linda, Pankaj K Giri, Amritraj Mahato, R Tripathi, Harish Kumar, Suhail A Tali, Siddharth Parashari, Asif Ali, Rakesh Dubey, M Afzal Ansari, R Kumar, S Muralithar, RP Singh Phys. Rev. C 97 (2018) 064610.</p>
<p>'Sensitivity of low-energy incomplete fusion to various entrance-channel parameters'</p> <p>Harish Kumar, Suhail A Tali, M Afzal Ansari, D Singh, Rahbar Ali, Kamal Kumar, N.P.M. Sathik, Asif Ali, Siddharth Parashari, R Dubey, Indu Bala, R Kumar, RP Singh, S Muralithar Eur. Phys. Jour. A 54 (2018) 47.</p>
<p>'Study of incomplete fusion reaction dynamics in $^{13}\text{C} + ^{165}\text{Ho}$ system and its dependence on various entrance channel parameters'</p> <p>Suhail A Tali, Harish Kumar, M. Afzal Ansari, Asif Ali, D. Singh, Rahbar Ali, Pankaj K. Giri, Sneha B. Linda, Siddharth Parashari, R. Kumar, R. P. Singh, S. Muralithar, Nucl. Phys. A 970 (2017) 208-223.</p>
<p>'Investigation of incomplete fusion dynamics at energy 4–8 MeV/nucleon'</p> <p>Harish Kumar, Suhail A Tali, M. Afzal Ansari, D. Singh, Rahbar Ali, Kamal Kumar, N.P.M. Sathik, Siddharth Parashari, Asif Ali, R. Dubey, Indu Bala, Rakesh Kumar, R.P. Singh, S. Muralithar, Nucl. Phys. A 960 (2017) 53-77.</p>
<p>Congress proceedings</p>
<p>Measurement of reaction cross-section for $^{197}\text{Au}(n, 2n)^{196}\text{Au}$ reaction</p>



Vibhuti Vashi, R. Makwana, S. Mukherjee, B. Soni, M.H. Mehta, S. Parashari , R.K. Singh, S.V. Suryanarayana, B.K.Nayak, S.C. Sharma, H. Naik, and Taraknath Proceedings of the DAE Symp. Nucl. Phys. 64 (2019) 382.
Production cross-section of the ^{99m}Tc medical isotope by using the $\text{natMo}(p, 2n)$ reaction Siddharth Parashari , S. Mukherjee, S.V. Suryanarayana, R. Makwana, B.K.Nayak, Ratan K. Singh, S.C. Sharma, M. Mehta, N.L. Singh, and H. Naik Proceedings of the DAE Symp. Nucl. Phys. 63 (2018) 464.
Measurement of the $^{115}\text{In}(n, 2n)^{114m}\text{In}$ reaction cross-section using the quasi-monoenergetic neutrons Bhargav K. Soni, Siddharth Parashari , S. Mukherjee, S.V. Suryanarayana, R. Makwana, B.K.Nayak, Ratan K. Singh, S.C. Sharma, M. Mehta, N.L. Singh, and H. Naik Proceedings of the DAE Symp. Nucl. Phys. 63 (2018) 466.
Measurement of neutron induced reaction cross-sections for ^{86}Sr at different neutron energies Nidhi Shetty, Rajnikant Makwana, Mayur Mehta, N.L. Singh, S. Mukherjee, S.V. Suryanarayana, Siddharth Parashari , Ratan Kumar, Sai Akhil Ayyala, Chandani Menpara Proceedings of the DAE Symp. Nucl. Phys. 63 (2018) 598.
Low energy incomplete fusion study in the $^{16}\text{O} + ^{142}\text{Nd}$ system Pankaj K. Giri, D. Singh, Sneha B. Linda, Amritraj Mahato, Harish Kumar, Suhail A. Tali, Siddharth Parashari , Asif Ali, M. Afzal Ansari, Rakesh Dubey, R. Kumar, S. Muralithar and R. P. Singh Proceedings of the DAE Symp. Nucl. Phys. 63 (2018) 630.
Probing of incomplete fusion by measurements of excitation functions in $^{14}\text{N} + ^{124}\text{Sn}$ system Amritraj Mahato, D. Singh, Pankaj K. Giri, Sneha B. Linda, Harish Kumar, Suhail A. Tali, Siddharth Parashari , Asif Ali, Rakesh Dubey, M. Afzal Ansari, R. Kumar, S. Muralithar and R. P. Singh Proceedings of the DAE Symp. Nucl. Phys. 63 (2018) 632.
Measurement of $^{78}\text{Se}(n, p)^{78}\text{As}$ reaction cross-sections at different neutron energies RatanKumar Singh, Rakesh Chauhan, N. L. Singh, S. V. Suryanarayana, Siddharth Parashari , Rajnikant Makwana, S.K. Mukherjee, Mayur Mehta, Sai Akhil Ayyala, S. C. Sharma Proceedings of the DAE Symp. Nucl. Phys. 63 (2018) 632.
Measurement of $^{100}\text{Mo}(n, 2n)^{99}\text{Mo}$ reaction cross-sections Siddharth Parashari , NL Singh, SV Suryanarayana, SaiAkhil Ayyala, Rajnikant Makwana, Ratan Kumar, Mayur Mehta, H Naik, S Mukherjee Proceedings of the DAE Symp. Nucl. Phys. 62 (2017) 400.
Cross-section measurement of $^{103}\text{Rh}(n, 2n)^{102}\text{Rh}$ at 22 MeV RatanKumar Singh, Siddharth Parashari , N. L. Singh, RajniKant Makwana, S.K. Mukherjee, Mayur Mehta, Sai Akhil Ayyala, Rakesh Chauhan, Chhavi joshi Proceedings of the DAE Symp. Nucl. Phys. 62 (2017) 634.
$^{238}\text{U}(n, \gamma)$ reaction cross-section at the neutron energy 8.96 MeV Vibha Vansola, S Mukherjee, Siddharth Parashari , R Makwana, SV Suryanarayana, H Naik Proceedings of the DAE Symp. Nucl. Phys. 62 (2017) 570.
Measurement of the cross-section $^{107}\text{Ag}(n, 2n)^{106}\text{Ag}$ reaction on neutron energy 13 MeV and 22 MeV Chhavi Joshi, NL Singh, Siddharth Parashari , Rakesh Chauhan, Mayur Mehta, Rajnikant Makwana, SK Mukherjee Proceedings of the DAE Symp. Nucl. Phys. 62 (2017) 610.
Study of incomplete fusion sensitivity to projectile structure from forward recoil range distribution



Measurement Harish Kumar, Suhail A Tali, M Afzal Ansari, D Singh, Rahbar Ali, Siddharth Parashari , Asif Ali, Pankaj K Giri, Sneha B Linda, R Kumar, RP Singh, S Muralithar DAE Symp. Nucl. Phys. 62 (2017) 362.
Projectile structure effect in low energy incomplete fusion reaction dynamics Suhail A Tali, S Muralithar, Sneha B Linda, Asif Ali, D Singh, R Kumar, RP Singh, Rahbar Ali, Pankaj K Giri, Siddharth Parashari , Harish Kumar, M Afzal Ansari DAE Symp. Nucl. Phys. 62 (2017) 428.
Study of break-up fusion by measurement of excitation functions of evaporation residues formed in $^{16}\text{O} + ^{148}\text{Nd}$ system Pankaj K Giri, Suhail A Tali, D Singh, S Muralithar, Siddharth Parashari , Sneha B Linda, R Kumar, RP Singh, Rakesh Dubey, Amritraj Mahato, Asif Ali, Harish Kumar, M Afzal Ansari DAE Symp. Nucl. Phys. 62 (2017) 536.
Investigation of incomplete fusion dynamics by measurement of recoil range distributions in $^{16}\text{O} + ^{124}\text{Sn}$ system Sneha Bharti Linda, Suhail A Tali, S Muralithar, Siddharth Parashari , Pankaj K Giri, D Singh, R Kumar, RP Singh, Rakesh Dubey, Amritraj Mahato, Asif Ali, Harish Kumar, M Afzal Ansari DAE Symp. Nucl. Phys. 62 (2017) 380.
Effect of projectile structure on angular distribution of recoiling residues Siddharth Parashari , Harish Kumar, Suhail A. Tali, Asif Ali, M. Afzal Ansari, D. Singh, Rahbar Ali, Pankaj K. Giri, Sneha B. Linda, R. P. Singh, S. Muralithar and Rakesh Kumar, DAE Symp. On Nuclear Phys, 61 (2016) 448.
Comprehension of Incomplete Fusion Dynamics from Excitation Function Measurements Suhail A. Tali, Harish Kumar, M. Afzal Ansari, Asif Ali, Siddharth Parashari , Pankaj K.Giri, Sneha B. Linda, D. Singh, Rahbar Ali, Rakesh Kumar, R. P. Singh and S. Muralithar, DAE Symp. On Nuclear Phys, 61 (2016) 366.
Alpha Q-value effect on incomplete fusion dynamics below 8 MeV/nucleon energies Harish Kumar, Suhail A Tali, M. Afzal Ansari, D. Singh, Rahbar Ali, Siddharth Parashari , Asif Ali, Kamal Kumar, N. P. M. Sathik, R. Dubey, Indu Bala, Rakesh Kumar, R. P. Singh and S. Muralithar, DAE Symp. On Nuclear Phys, 61 (2016) 450.
Study of complete and incomplete fusion dynamics in the interaction of ^{14}N with ^{148}Nd Pankaj K. Giri, Sneha Bharti Linda, D. Singh, Harish Kumar, Suhail A. Tali, Siddharth Parashari , Asif Ali, Rakesh Dubey, M. Afzal Ansari, R. Kumar, S. Muralithar and R. P. Singh, DAE Symp. On Nuclear Phys, 61 (2016) 524.
Probing of complete and incomplete fusion dynamics by the measurement of excitation function in $^{16}\text{O} + ^{124}\text{Sn}$ system Sneha Bharti Linda, Pankaj K. Giri, D. Singh, Harish Kumar, Suhail A. Tali, Siddharth Parashari , Asif Ali, Rakesh Dubey, M. Afzal Ansari, R. Kumar, S. Muralithar and R. P. Singh, DAE Symp. On Nuclear Phys, 61 (2016) 544.
Investigation of Incomplete Fusion Dynamics from the Measurement of Angular Distributions at $E \approx 88$ MeV Siddharth Parashari , Harish Kumar, M. Afzal Ansari, D. Singh, Rahbar Ali, Suhail A. Tali, Asif Ali, Kamal Kumar, N. P. M. Sathik, R. Dubey, Indu Bala, R. P. Singh, S. Muralithar, Rakesh Kumar, DAE Symp. On Nuclear Phys, 60 (2015) 476.
Linear Momentum Transfer Effect on Incomplete Fusion Process at Energy ≈ 88 MeV



Harish Kumar, **Siddharth Parashari**, M. Afzal Ansari, D. Singh, Rahbar Ali, Suhail A. Tali, Asif Ali, Kamal Kumar, N. P. M. Sathik, R. Dubey, Indu Bala, R. P. Singh, S. Muralithar, Rakesh Kumar, DAE Symp. On Nuclear Phys, 60 (2015) 474.

Probing of Incomplete Fusion from the Measurement of Recoil Range Distributions

Suhail A. Tali, Harish Kumar, M. Afzal Ansari, D. Singh, Rahbar Ali, Asif Ali, **Siddharth Parashari**, Kamal Kumar, N. P. M. Sathik, R. Dubey, Indu Bala, Rakesh Kumar, R. P. Singh, S. Muralithar, DAE Symp. On Nuclear Phys, 60 (2015) 520.

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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