

Allegato alla domanda di partecipazione
Curriculum formativo, didattico, scientifico e professionale del candidato

Dichiarazione sostitutiva di certificazioni

(Art. 46, D.P.R. 28 dicembre 2000 n. 445)

Dichiarazione sostitutiva dell'atto di notorietà

(da sottoscrivere davanti all'impiegato addetto o da presentare o spedire con la fotocopia di un documento di identità)
(Art. 47, D.P.R. 28 dicembre 2000 n. 445)

Estremi del bando di selezione	Rinnovo contratto per assegni di ricerca – Tipo B – Assegni su altri fondi L. 240/2010 – (D.R. n. 452 del 29/04/2020) Area: 02 – Scienze fisiche, Settore Concorsuale 02/A1 – Fisica sperimentale delle interazioni fondamentali SSD FIS/01, Responsabile scientifico: Prof. Gianluca USAI Titolo del Progetto: “Misure di precisione di dileptoni termici e quark pesanti in collisioni nucleari ad alta energia con nuovi rivelatori a pixel monolitici ” Selection code: 42 A-20
Informazioni aggiornate al	29/04/2020
Nome e Cognome	Biswarup Paul
Data di nascita	23/02/1986

Si raccomanda di indicare con precisione tutti gli elementi valutabili ai sensi del bando di selezione (aggiungere o togliere righe secondo necessità).

Esperienza professionale

Periodo	Ente	Principali attività e responsabilità

Istruzione, formazione (es. titoli di studio, certificazioni professionali/linguistiche/informatiche)

Data	Titolo / Principali tematiche	Ente
11 th July 2020 – 10 th July 2021	Assegno di ricerca	University of Cagliari, Italy
11 th July 2019 – 10 th July 2020	Assegno di ricerca	INFN Cagliari, Italy
November 2018 – July 2019	Borsa di ricerca	University of Cagliari, Italy
November 2017 – October 2018	Assegno di ricerca	University of Torino, Italy
November 2015 – November 2017	INFN Post Doctoral fellow (INFN foreign students fellowship)	INFN Torino, Italy
August 2011 – October 2015	Ph.D. in Physics	Saha Institute of Nuclear Physics, Kolkata, India
August 2010 – August 2011	Coursework for PhD	Saha Institute of Nuclear Physics, Kolkata, India
July 2008 – July 2010	Masters of Science in Physics	Jawaharlal Nehru University, New Delhi, India

Publicazioni / Convegni

<p>(1) "Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV", S. Acharya et al. [ALICE Collaboration], JHEP 02 (2021) 002.</p>
<p>(2) "Measurement of nuclear effects on $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV", S. Acharya et al. [ALICE Collaboration], JHEP 07 (2020) 237.</p>
<p>(3) "Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV", S. Acharya et al. [ALICE Collaboration], JHEP 02 (2020) 041.</p>
<p>(4) "Measurement of $Y(1S)$ Elliptic Flow at Forward Rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV", S. Acharya et al. [ALICE Collaboration], PRL 123 (2019) 192301.</p>
<p>(5) "Y suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV", S. Acharya et al. [ALICE Collaboration], PLB 790 (2019) 89-101.</p>
<p>(6) "Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV", S. Acharya et al. [ALICE Collaboration], JHEP 07 (2018) 160.</p>
<p>(7) "J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV" B. Abelev et al. [ALICE Collaboration], PLB 766 (2017) 212-224.</p>
<p>(8) "Energy dependence of forward-rapidity J/ψ and $\psi(2S)$ production in pp collisions at the LHC", S. Acharya et al. [ALICE Collaboration], Eur. Phys. J. C 77 (2017) 392.</p>
<p>(9) "Measurement of an excess in the yield of J/ψ at very low p_T in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV", J. Adam et al. [ALICE Collaboration], PRL 116 (2016) 222301.</p>
<p>(10) "Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV", J. Adam et al. [ALICE Collaboration], JHEP 06 (2016) 050.</p>
<p>(11) "Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV", J. Adam et al. [ALICE Collaboration], JHEP 05 (2016) 179.</p>
<p>(12) "Systematic study of charmonium production in pp collisions at LHC</p>

energies”, Biswarup Paul, Mahatsab Mandal, Pradip Roy and Sukalyan Chattopadhyay, J. Phys. G: Nucl. Part. Phys. 42 (2015) 065101.
(13) “Suppression of $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV”, B. Abelev et al. [ALICE Collaboration], JHEP 12 (2014) 073.
(14) “Measurement of quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 7$ TeV”, B. Abelev et al. [ALICE Collaboration], Eur. Phys. J. C 74 (2014) 2974.
(15) “Bottomonium production studies in nuclear collisions with ALICE” Presentation: Invited Plenary Talk Conference name: QWG 2021 - 14th International Workshop on Heavy Quarkonium Place: UC Davis (online) Date: 15-19 th March 2021
(16) “Excited quarkonia states in pp and p-Pb collisions” Presentation: Invited Plenary Talk Conference name: Quarkonia As Tools 2020 Place: Centre Paul Langevin, Aussois, Vanoise Massif, France Date: 12-18 th January 2020
(17) “Recent results on Quarkonia at forward rapidity with ALICE at the LHC” Presentation: Invited Plenary Talk Conference name: Sar WorS 2019 – Sardinian Workshop on Spin studies Place: Cittadella dei Musei, Cagliari, Italy Date: 8-10 th July 2019
(18) “Quarkonium production in p-Pb and Pb-Pb collisions with ALICE” Presentation: Invited Plenary Talk Conference name: QWG 2019 - the XIII th International Workshop on Heavy Quarkonium Place: Cavallerizza Reale, Torino, Italy Date: 13-17 th May 2019
(19) “Inclusive Y production in p-Pb collisions with ALICE at the LHC” Presentation: Talk and Poster Conference name: Indian-Summer School on Phenomenology of Hot and Dense Matter for Future Accelerators Place: Czech Technical University, Prague, Czech Republic Date: 3-7 th September 2018

<p>(20) "Quarkonium production in p-Pb collisions with ALICE" Nuclear Physics A, Vol 982 (2019), P.739-742 Presentation: Invited Parallel talk Conference name: Quark Matter 2018 - the XXVII th International Conference on Ultra-relativistic Nucleus-Nucleus Collisions Place: Palazzo del Cinema and Palazzo del Casino', Lido di Venezia, Italy Date: 13-19th May 2018</p>
<p>(21) "J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV" Presentation: Invited Plenary Talk Conference name: International Workshop on Heavy Flavor Production at LHC Energies using the ALICE Muon Spectrometer Place: Aligarh Muslim University, Aligarh and Hotel Crystal Sarovar Premiere, Agra, India Date: 26th February-2nd March 2018</p>
<p>(22) "Inclusive J/ψ and ψ(2S) production in p-Pb collisions with ALICE at the LHC" Presentation: Talk and Poster Conference name: 56 th International Winter Meeting on Nuclear Physics Place: Bormio, Italy Date: 22-26 th January 2018</p>
<p>(23) "Charmonium production in p-Pb collisions with ALICE at the LHC" PoS(EPS-HEP2017)182, [arXiv:1710.09634 [nucl-ex]] Presentation: Invited Parallel Talk Conference name: EPS-HEP 2017, European Physical Society conference on High Energy Physics Place: Palazzo del Cinema and Palazzo del Casino', Lido di Venezia, Italy Date: 5-12th July 2017</p>
<p>(24) "Centrality dependence of J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV" Presentation: Invited Plenary Talk Conference name: ALICE Muon Meeting 2017 Place: Grotta Giusti, Tuscany, Italy Date: 15-19th May 2017</p>
<p>(25) "Charmonium production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV with ALICE" Journal of Physics: Conf. Series 779 (2017) 012037, [arXiv:1609.06889 [nucl-</p>

ex]]

Presentation: Invited Parallel Talk

Conference name: Strangeness in Quark Matter 2016

Place: Clark Kerr Campus at the University of California, Berkeley, USA

Date: 27th June-1st July 2016

(26) "Inclusive $\psi(2S)$ production at forward rapidity in pp, p-Pb and Pb-Pb collisions with ALICE at the LHC"

PoS(ICPAQGP2015)043, [arXiv:1609.03369 [nucl-ex]]

Presentation: Invited Plenary Talk

Conference name: 7th International Conference on Physics and Astrophysics of Quark Gluon Plasma

Place: Variable Energy Cyclotron Centre, Kolkata, India

Date: 1-5th February 2015

(27) "Exhaustive study of Charmonium production in pp collisions at the LHC energies within the framework of

NRQCD and FONLL"

Presentation: Invited Plenary Talk

Conference name: 7th International Conference on Physics and Astrophysics of Quark Gluon Plasma

Place: Variable Energy Cyclotron Centre, Kolkata, India

Date: 1-5th February 2015

(28) "Double differential cross-section of J/ψ in p-p and Pb-Pb collisions"

Presentation: Invited Plenary Talk

Conference name: ALICE Muon Meeting 2014

Place: Autun, France

Date: 14-18th July 2014

(29) "Inclusive J/ψ and $\psi(2S)$ production at forward rapidity in pp collisions with ALICE at the LHC"

Presentation: Poster

Conference name: XXIV Quark Matter 2014 - XXIVth International Conference on Ultrarelativistic Nucleus-Nucleus Collisions

Place: Darmstadt, Germany

Date: 19-24th May 2014

(30) " J/ψ and $\psi(2S)$ in p-p collisions at $s = 7$ TeV (2011 data)"

Presentation: Invited Plenary Talk

Conference name: ALICE Muon Meeting 2013

Place: Barolo, Italy

Date: 6-10th May 2013

Altre attività scientifiche

Ulteriori informazioni pertinenti

“Professor A. P. Patro Memorial Award” for topping the Post M.Sc. Exam, Saha Institute of Nuclear Physics, Kolkata, India.

Council of Scientific and Industrial Research - National Eligibility Test (CSIR-NET), India, All India Rank: 5

Graduate Aptitude Test in Engineering (GATE), India, All India Rank: 23

Luogo, data e firma

IL DICHIARANTE

(firma per esteso e leggibile)

Cagliari, li 01/07/2021