Manoj THULASIDAS

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Education

PhD, Syracuse University, United States of America, 1993

Bachelor of Technology, Indian Institute of Technology, Madras, India, 1987

Academic Appointments

Associate Professor of Computer Science (Education), School of Computing and Information Systems, SMU, Apr 2021 - Present

Associate Professor of Information Systems (Education), School of Computing and Information Systems, SMU, Dec 2016 - Mar 2021

Lead Scientist, Institute for Infocomm Research, A*STAR, Singapore, Singapore, Aug 1998 - Sep 2005

Research Scientist, CNRS, France, CERN, Switzerland, Sep 1993 - Jul 1998

Research Assistant, Cornell University, Ithaca, Syracuse University, Syracuse, United States of America, May 1988 - Aug 1993

Teaching Assistant, Syracuse University, Syracuse, United States of America, Aug 1987 - Apr 1988

Academic Administrative Positions

Core Curriculum Committee, College of Integrative Studies, SMU, Jun 2021 - May 2024

Coordinator, BSc (IS) Business Analytics Track, School of Computing and Information Systems, SMU, Jan 2020 - Jun 2021

Director, BSc (Computing & Law) Programme, School of Computing and Information Systems, SMU, Jul 2019 - Dec 2019

Other Positions and Affiliations

Co-founder, Non-executive director, Briology Pte Ltd, Singapore, Jan 2016 - May 2017

Founder, Owner, Analytics SME, Singapore, Mar 2016 - Nov 2016

Associate Director, Standard Chartered Bank, Singapore, Oct 2007 - Jul 2013

Vice President, OCBC Bank, Singapore, Oct 2005 - Sep 2007

Awards and Honors

Best Paper award at TALE 2023, Auckland, New Zealand, TALE 2023, 2023

Malta. Best paper award at MEDSIP04, Malta, MEDSIP04, 2004

CPPM, Marseilles, France. Chosen by the French National Center for Scientific Research (CNRS) following an open nation wide competition, CNRS, 1995

Syracuse University, USA. Graduate Assistantship and Tuition Scholarship, Syracuse University, 1987

India. Ranked 63rd (out of about 75,000) in India in JEE for IITs, Joint Admission Board, 1983

Trivandrum, India. Ranked 3rd in the state of Kerala, India in the Engineering Entrance Exam (out of about 10,000 students), Kerala Board of Examinations, 1982

RESEARCH

Research and Project Areas

Data Management & Analytics
Analytics Algorithms and Quality Metrics
Analytics Applications in Corporate Wellness
Business Decision Making and Analytics
Trading Systems and Lifecycle Management

Publications

Journal Articles [Refereed]

Electroweak measurements in electron positron collisions at W-boson-pair energies at LEP, by SCHAEL, S.; BARATE, R.; BRUNELIÈRE, R.; BUSKULIC, D.; DE BONIS, I.; et al.. (2013). *Physics Reports, 532* (4), 119-244. (Published)

Determination of sin2θeff w using jet charge measurements in hadronic Z decays, by BUSKULIC, D.; et al.. (2011). *The European Physical Journal C, 71* (1), 357-378. (Published)

Four-jet final state production in e(+)e(-) collisions at centre-of-mass energies of 130 and 136 GeV, by BUSKULIC, D.; et al.. (1996). *The European Physical Journal C, 71* (2), 179-197. (Published)

Perceptual effects in relativity and astrophysics, by THULASIDAS, Manoj. (2009). *Physics Essays, 22* (4), 517-533. http://doi.org/10.4006/1.3230499 (Published)

Are radio sources and gamma ray bursts luminal booms?, by THULASIDAS, Manoj. (2007). *International Journal of Modern Physics D: Gravitation; Astrophysics and Cosmology, 16* (6), 983-1000. http://doi.org/10.1142/S0218271807010559 (Published)

Temporal classification of multichannel near-infrared spectroscopy signals of motor imagery for developing a brain-computer interface, by Sitaram, R.; Zhang, H.; Guan, C.; Thulasidas, M.; Hoshi, Y.; Ishikawa, A.; Shimizu, K.; Birbaumer, N.. (2007). *NeuroImage, 34* (4), 1416-1427. http://doi.org/10.1016/j.neuroimage.2006.11.005 (Published)

The philosophy of special relativity: A comparison between Indian and Western interpretations, by THULASIDAS, Manoj. (2007). *Omega: Indian Journal of Science and Religion, 6* (2), 138-150. (Published)

Robust classification of EEG signal for brain-computer interface, by THULASIDAS, Manoj; GUAN, Cuntai;

WU, Jiankang. (2006). *IEEE Transactions on Neural Systems and Rehabilitation Engineering, 14* (1), 24-29. http://doi.org/10.1109/TNSRE.2005.862695 (Published)

Measurements of the structure of quark and gluon jets in hadronic Z decays, by BARATE, R.; et al.. (2000). *The European Physical Journal C, 17* (1), 1-18. (Published)

Study of fermion pair production in e⁺e⁻ collisions at 130-183 GeV, by BARATE, R.; et al.. (2000). *The European Physical Journal C, 12* (2), 183-207. (Published)

Inclusive production of π0, η, η' (958), Kg0s and Λ in two- and three-jet events from hadronic Z decays, by BARATE, R.; et al.. (2000). *The European Physical Journal C, 16* (4), 613-634. (Published)

Measurement of the Z resonance parameters at LEP, by BARATE, R.; et al.. (2000). *The European Physical Journal C, 14* (1), 1-50. (Published)

Study of charm production in Z decays, by BARATE, R.; et al.. (2000). *The European Physical Journal C, 16* (4), 597-611. (Published)

Search for R-parity violating decays of supersymmetric particles in e⁺e⁻ collisions at centre-of-mass energies near 183 GeV, by BARATE, R.; et al.. (2000). *The European Physical Journal C, 13* (1), 29-46. (Published)

Search for supersymmetry with a dominant R-parity violating LQD coupling in e+e- collisions at centre-of-mass energies of 130 GeV to 172 GeV, by BARATE, R.; et al.. (1999). *The European Physical Journal C, 7* (3), 383-405. (Published)

Search for invisible Higgs boson decays in e⁺e⁻ collisions at centre-of-mass energies up to 184Gev, by BARATE, R.; DECAMP, D.; GHEZ, P.; GOY, C.; JEZEQUEL, S.; et al.. (1999). *Physics Letters B, 450* (1-3), 301-312. (Published)

Determination of |Vub| from the measurement of the inclusive charmless semileptonic branching ratio of b hadrons, by BARATE, R.; et al.. (1999). *The European Physical Journal C, 6* (4), 555-574. (Published)

Study of T decays involving kaons, spectral functions and determination of the strange quark mass, by BARATE, R.; et al.. (1999). *The European Physical Journal C, 11* (4), 599-618. (Published)

Search for the standard model Higgs boson at the LEP2 collider near √s=183 GeV (vol 440, pg 403, 1998), by BARATE, R.; et al.. (1999). *Physics Letters B, 447* (3-4), 336-351. (Published)

Measurement of W-pair production in e⁺e⁻ collisions at 183 GeV, by BARATE, R.; DECAMP, D.; GHEZ, P.; GOY, C.; JEZEQUEL, S.; et al.. (1999). *Physics Letters B, 453* (1-2), 107-120. (Published)

Determination of the LEP centre-of-mass energy from Zγ events, by BARATE, R.; DECAMP, D.; GHEZ, P.; GOY, C.; JEZEQUEL, S.; et al.. (1999). *Physics Letters B, 464* (3-4), 339-349. (Published)

A study of single W production in e⁺e⁻ collisions at √s=161-183 GeV, by BARATE, R.; DECAMP, D.; GHEZ, P.; GOY, C.; JEZEQUEL, S.; et al.. (1999). *Physics Letters B, 462* (3-4), 389-400. (Published)

Monitoring the stability of the ALEPH Vertex Detector, by SGUAZZONI, G.; CREANZA, D.; DE PALMA, M.; MAGGI, G.; RASO, G.. (1999). *Nuclear Physics B - Proceedings Supplements, 78* 301-306. (Published)

One-prong τ decays with kaons, by BARATE, R.; et al.. (1999). *The European Physical Journal C, 10* (1), 1-18. (Published)

Analysis of transverse momentum correlations in hadronic Z decays, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1999). *Physics Letters B, 447* (1-2), 183-198. (Published)

Search for charged Higgs bosons in e⁺e⁻ collisions at √s=181-184 GeV, by BARATE, R.; et al.. (1999). *Physics Letters B, 450* (4), 467-478. (Published)

Search for Bs0 oscillations using inclusive lepton events, by BARATE, R.; et al.. (1999). *The European Physical Journal C, 7* (4), 553-569. (Published)

Search for charginos and neutralinos in e+e- collisions at centre-of-mass energies near 183 GeV and constraints on the MSSM parameter space, by BARATE, R.; et al.. (1999). *The European Physical Journal C, 11* (2), 193-216. (Published)

Measurement of the W mass in e⁺e⁻ collisions at 183 GeV, by BARATE, R.; et al.. (1999). *Physics Letters B, 453* (1-2), 121-137. (Published)

Measurement of the hadronic photon structure function at LEP 1 for Q2 values between 9.9 and 284 GeV², by BARATE, R.; et al.. (1999). *Physics Letters B, 458* (1), 152-166. (Published)

Measurement of triple gauge WWγ couplings at LEP2 using photonic events, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1998). *Physics Letters B, 445* (1-2), 239-248. (Published)

Searches for the neutral Higgs bosons of the MSSM in e⁺e⁻ collisions at centre-of-mass energies of 181-184 GeV, by BARATE, R.; et al.. (1998). *Physics Letters B, 440* (3-4), 419-434. (Published)

Study of D⁰-(D)over-bar⁰ mixing and D⁰ doubly Cabibbo-suppressed decays, by BARATE, R.; et al.. (1998). *Physics Letters B, 436* (1-2), 211-221. (Published)

A measurement of the gluon splitting rate into b(b)over-bar pairs in hadronic Z decays, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1998). *Physics Letters B, 434* (3-4), 437-450. (Published)

The forward-backward asymmetry for charm quarks at the Z, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1998). *Physics Letters B, 434* (3-4), 415-425. (Published)

Scalar quark searches in e⁺e⁻ collisions at √s = 181-184 GeV, by BARATE, R.; et al.. (1998). *Physics Letters B, 434* (1-2), 189-199. (Published)

Search for sleptons in e⁺e⁻ collisions at centre-of-mass energies up to 184 GeV, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1998). *Physics Letters B, 433* (1-2), 176-194. (Published)

A measurement of the inclusive b→sγ branching ratio, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1998). *Physics Letters B, 429* (1-2), 169-187. (Published)

The new ALEPH Silicon Vertex Detector, by CREANZA, D. et al.. (1998). *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 409* (1-3), 157-160. http://doi.org/10.1016/S0168-9002(97)91255-9 (Published)

Resonant structure and flavour tagging in the Bπ[±] system using fully reconstructed B decays, by BARATE, R.; et al.. (1998). *Physics Letters B, 425* (1-2), 215-226. (Published)

Measurement of the W mass by direct reconstruction in e⁺e⁻ collisions at 172 GeV, by BARATE, R.; et al.. (1998). *Physics Letters B, 422* (1-4), 384-398. (Published)

Measurement of triple gauge boson couplings at 172 GeV, by BARATE, R.; et al. (1998). *Physics Letters B, 422* (1-4), 369-383. (Published)

Four-jet final state production in e⁺e⁻ collisions at centre-of-mass energies ranging from 130 to 184 GeV, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1998). *Physics Letters B, 420* (1-2), 196-204. (Published)

Measurement of the fraction of hadronic Z decays into charm quark pairs, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 4* (4), 557-570. (Published)

Construction and performance of the new ALEPH Vertex Detector, by CREANZA, D.; DE PALMA, M.; GIRONE, M.; MAGGI, G.; SELVAGGI, G.; et al.. (1998). *Nuclear Physics B - Proceedings Supplements, 61* 201-206. (Published)

Study of B0s oscillations and lifetime using fully reconstructed Ds decays, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 4* (3), 367-385. (Published)

Search for supersymmetry with a dominant R-parity violating LLĒ coupling in e+e- collisions at centre-of-mass energies of 130 GeV to 172 GeV, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 4* (3), 433-451. (Published)

Search for evidence of compositeness at LEP I, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 4* (4), 571-590. (Published)

An upper limit on the τ neutrino mass from three- and five-prong tau decays, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 2* (3), 395-406. (Published)

Observation of doubly-charmed B decays at LEP, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 4* (3), 387-407. (Published)

Measurement of the axial-vector τ spectral functions and determination of αs (M2τ) from hadronic τ decays, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 4* (3), 409-431. (Published)

A measurement of the semileptonic branching ratio BR(b-baryon → plvX) and a study of inclusive π±, K±, (p, p) production in Z decays, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 5* (2), 205-227. (Published)

Searches for charginos and neutralinos in e+e- collisions at √s = 161 and 172 GeV, by BARATE, R.; et al.. (1998). *The European Physical Journal C, 2* (3), 417-439. (Published)

Studies of quantum chromodynamics with the ALEPH detector, by BARATE, R.; et al.. (1998). *Physics Reports, 294* (1-3), 1-165. (Published)

Inclusive production of neutral pions in hadronic Z decays, by BARATE, R.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 74* (3), 451-461. (Published)

Updated measurement of the τ lepton lifetime, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1997). *Physics Letters B, 414* (3-4), 362-372. (Published)

Searches for scalar top and scalar bottom quarks at LEP2, by BARATE, R.; et al.. (1997). *Physics Letters B, 413* (3-4), 431-446. (Published)

Search for the Standard Model Higgs boson in e(+)e(-) collisions at root s=161, 170 and 172 GeV, by BARATE, R.; et al.. (1997). *Physics Letters B, 412* (1-2), 155-172. (Published)

Inclusive decays B->DX and B->D*X, by GIBBONS, L. et al.. (1997). *Physical Review D, Particles and fields, 56* (7), 3783-3802. http://doi.org/10.1103/PhysRevD.56.3783 (Published)

Search for sleptons in e(+)e(-) collisions at centre-of-mass energies of 161 GeV and 172 GeV, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1997). *Physics Letters B, 407* (3-4), 377-388. (Published)

A measurement of the QCD colour factors and a limit on the light gluino, by BARATE, R.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 76* (1), 1-14. (Published)

Measurement of the transverse spin correlations in the decay Z->tau(+)tau(-), by BARATE, R.; et al.. (1997). *Physics Letters B, 405* (1-2), 191-201. (Published)

Measurement of the branching fraction for D-0->K-pi(+), by BARATE, R.; et al.. (1997). *Physics Letters B, 403* (3-4), 367-376. (Published)

Search for B-c meson in hadronic Z decays, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1997). *Physics Letters B, 402* (1-2), 213-226. (Published)

A measurement of R-b using a lifetime-mass tag, by BARATE, R. et al.. (1997). *Physics Letters B, 401* (1-2), 150-162. http://doi.org/10.1016/S0370-2693(97)00406-1 (Published)

A measurement of R-b using mutually exclusive tags, by BARATE, R.; BUSKULIC, D.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1997). *Physics Letters B, 401* (1-2), 163-175. (Published)

Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector, by BARATE, R.; et al.. (1997). *Physics Letters B, 399* (3-4), 329-341. (Published)

Measurements of vertical bar V-cb vertical bar form factors and branching fractions in the decays (B)over-bar(0)->D(*+)l(-)(nu)over-bar(l) and (B)over-bar(0)->D(+)l(-)(nu)over-bar(l), by BUSKULIC, D.; et al.. (1997). *Physics Letters B, 395* (3-4), 373-387. (Published)

Studies of QCD in e(+)e(-)->hadrons at E(cm)=130 and 136 GeV, by BUSKULIC, D.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 73* (3), 409-420. (Published)

The topology dependence of charged particle multiplicities in three-jet events, by BARATE, R.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 76* (2), 191-199. (Published)

Performance of the ALEPH upgraded silicon vertex detector, by CREANZA, D.; et al.. (1997). *Nuclear Physics B - Proceedings Supplements, 54* (3), 317-322. (Published)

A study of τ decays involving η and ω mesons, by BUSKULIC, D.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 74* (2), 263-273. (Published)

Transverse momentum correlations in hadronic Z decays, by BUSKULIC, D.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 73* (3), 421-432. (Published)

Measurement of the spectral functions of vector current hadronic tau decays, by BARATE, R.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 76* (1), 15-33. (Published)

Production of orbitally excited charm mesons in semileptonic B decays, by BUSKULIC, D.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 73* (4), 601-612. (Published)

Measurement of the tau lepton lifetime with the three-dimensional impact parameter method, by BARATE, R.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 74* (3), 387-398. (Published)

Improved measurement of the Bd0 -Bd0 oscillation frequency, by BUSKULIC, D.; et al.. (1997). *Zeitschrift für Physik C Particles and Fields, 75* (3), 397-407. (Published)

Four-fermion production in e(+)e(-) collisions at centre-of-mass energies of 130 and 136 GeV, by BUSKULIC, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1996). *Physics Letters B, 388* (2), 419-430. (Published)

Search for charginos and neutralinos with R-parity violation at root s=130 and 136 GeV, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 384* (1-4), 461-470. (Published)

Search for CP violation in the decay Z->b(b)over-bar-g, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 384* (1-4), 365-376. (Published)

Observation of charmless hadronic B decays, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 384* (1-4), 471-480. (Published)

Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 384* (1-4), 427-438. (Published)

Measurement of the b forward-backward asymmetry and mixing using high-p(perpendicular to) leptons, by BUSKULIC, D.. (1996). *Physics Letters B, 384* (1-4), 414-426. (Published)

Strange b baryon production and lifetime in Z decays, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 384* (1-4), 449-460. (Published)

Measurement of the mass of the Lambda(b) baryon, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 380* (3-4), 442-452. (Published)

Measurement of hadron and lepton-pair production from e(+)e(-) annihilation at centre-of-mass energies of 130 and 136 GeV, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 378* (1-4), 373-384. (Published)

Study of the B-s(0)(B)over-bar(s)(0) oscillation frequency using D(s)(-)l(+) combinations in Z decays, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 377* (1-3), 205-221. (Published)

Search for supersymmetric particles in e(+)e(-) collisions at centre-of-mass energies of 130 and 136 GeV, by BUSKULIC, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; GOY, C.; et al.. (1996). *Physics Letters B, 373* (1-3), 246-260. (Published)

A precise measurement of the average b hadron lifetime, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 369* (2), 151-162. (Published)

Measurement of the Lambda(b) polarization in Z decays, by BUSKULIC, D.; et al.. (1996). *Physics Letters B, 365* (1-4), 437-447. (Published)

Measurement of the tau lepton lifetime, by BUSKULIC, D.; et al.. (1996). *Zeitschrift für Physik C Particles and Fields, 70* (4), 549-559. (Published)

Determination of sin2θw eff using jet charge measurements in hadronic Z decays, by BUSKULIC, D.; et al.. (1996). *Zeitschrift für Physik C Particles and Fields, 71* (3), 357-378. (Published)

Improved measurement of the B0 and B+ meson lifetimes, by BUSKULIC, D.; et al.. (1996). *Zeitschrift für Physik C Particles and Fields, 71* (1), 31-44. (Published)

Tau leptonic branching ratios, by BUSKULIC, D.; et al.. (1996). *Zeitschrift für Physik C Particles and Fields, 70* (4), 561-577. (Published)

Tau hadronic branching ratios, by BUSKULIC, D;. et al.. (1996). *Zeitschrift für Physik C Particles and Fields, 70* (4), 579-608. (Published)

Measurement of the Bs0 lifetime and production rate with Ds- ℓ+ combinations in Z decays, by BUSKULIC, D.; et al.. (1995). *Physics Letters B, 361* (1-4), 221-233. (Published)

A measurement of |Vcb| from B0 → D*+ ℓ- νℓ, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Physics Letters B, 359* (1-2), 236-248. (Published)

Measurements of the b baryon lifetime, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Physics Letters B, 357* (4), 685-698. (Published)

Measurement of the effective b quark fragmentation function at the Z resonance, by BUSKULIC, D.; et al.. (1995). *Physics Letters B, 357* (4), 699-714. (Published)

Measurement of αs from scaling violations in fragmentation functions in e+e- annihilation, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ P.; et al.. (1995). *Physics Letters B, 357* (3), 487-499. (Published)

Inclusive π±, K± and {Mathematical expression} differential cross-sections at the Z resonance, by BUSKULIC. D.; et al.. (1995). *Zeitschrift für Physik C Particles and Fields, 66* (3), 355-365. (Published)

Limit on B0s oscillation using a jet charge method, by BUSKULIC, D.; et al.. (1995). *Physics Letters B, 356* (2-3), 409-422. (Published)

Measurement of the D*± cross section in two photon collisions at LEP, by BUSKULIC, D.; et al.. (1995). *Physics Letters B, 355* (3-4), 595-605. (Published)

Test of the flavour independence of αs, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Physics Letters B, 355* (1-2), 381-393. (Published)

The forward-backward asymmetry for charm quarks at the Z pole, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Physics Letters B, 352* (3-4), 479-486. (Published)

An upper limit for the τ neutrino mass from τ → 5π(π0)ντ decays, by BUSKULIC, D.; et al.. (1995). *Physics Letters B, 349* (4), 585-596. (Published)

Search for supersymmetric particles with R-parity violation in Z decays, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Physics Letters B, 349* (1-2), 238-252. (Published)

Study of the subjet structure of quark and gluon jets, by BUSKULIC, D.; et al.. (1995). *Physics Letters B, 346* (3-4), 389-398. (Published)

Michel parameters and τ neutrino helicity from decay correlations in Z → τ+τ-, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Physics Letters B, 346* (3-4), 379-388. (Published)

A study of D*+ π- production in semileptonic B decay, by BUSKULIC, D.; et al.. (1995). *Physics Letters B, 345* (1), 103-114. (Published)

Measurements of the charged particle multiplicity distribution in restricted rapidity intervals, by BUSKULIC, D.; et al.. (1995). *Zeitschrift für Physik C Particles and Fields, 69* (1), 15-25. (Published)

First measurement of the quark-to-photon fragmentation function, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Zeitschrift für Physik C Particles and Fields, 69* (1), 365-377. (Published)

Measurement of the B→D*lν branching fractions and -Vcb-, by BARISH, B.; et al.. (1995). *Physical Review D, Particles and fields, 51* (3), 1014-1033. (Published)

Improved tau polarisation measurement, by BUSKULIC, D.; et al.. (1995). *Zeitschrift für Physik C Particles and Fields, 69* (1), 183-193. (Published)

Inclusive production of neutral vector mesons in hadronic Z decays, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Zeitschrift für Physik C Particles and Fields, 69* (1), 379-392. (Published)

Measurement of Ds+ meson production in Z decays and of the Bs0 lifetime, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.; et al.. (1995). *Zeitschrift für Physik C Particles and Fields, 69* (1), 585-595. (Published)

Production of excited beauty states in Z decays, by BUSKULIC, D.; CASPER, D.; DE BONIS, I.; DECAMP, D.; GHEZ, P.. (1995). *Zeitschrift für Physik C Particles and Fields, 69* (1), 393-404. https://doi.org/10.1007/BF02907419 (Published)

Two-photon production of charged pion and kaon pairs, by DOMINICK, J. et al.. (1994). *Physical Review D, Particles and fields, 50* (5), 3027-3037. http://doi.org/10.1103/PhysRevD.50.3027 (Published)

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Operational risk in trading platforms, by THULASIDAS, Manoj. (2010, January). *Wilmott,* 64-65. (Published)

Why quants fail, by THULASIDAS, Manoj. (2009, September). *Wilmott,* 42-43. (Published)

Bonus plans of mice and men, by THULASIDAS, Manoj. (2009, July). *Wilmott,* 34-35. (Published)

Zeros and ones, by THULASIDAS, Manoj. (2009, May). *Wilmott,* 52-55. (Published)

House of cards, by THULASIDAS, Manoj. (2009, March). *Wilmott,* 36-38. (Published)

Chaos and uncertainty, by THULASIDAS, Manoj. (2009, January). *Wilmott,* 40-43. (Published)

Commodity prices - Who is holding the cards?, by THULASIDAS, Manoj. (2008, November). *Wilmott,* (Published)

Software nightmares, by THULASIDAS, Manoj. (2008, September). *Wilmott,* 34-37. (Published)

Stress test, by THULASIDAS, Manoj. (2008, May). *Wilmott,* 6-8. (Published)

QuantTalent management, by THULASIDAS, Manoj. (2008, March). *Wilmott,* 12-14. (Published)

Benford and your taxes, by THULASIDAS, Manoj. (2008, January). *Wilmott,* 45-47. (Published)

Quant life in Singapore, by THULASIDAS, Manoj. (2007, November). *Wilmott,* (Published)

Newspaper Articles

When ‘good good’ can be bad, by THULASIDAS, Manoj. (2008, August 02). *Today* ,1-1. (Published)

An office survival guide, by THULASIDAS, Manoj. (2008, June 14). *Today* ,1-1. (Published)

Reading between the lines, by THULASIDAS, Manoj. (2008, May 17). *Today* ,1-1. (Published)

Game, set, match to equality?, by THULASIDAS, Manoj. (2008, April 05). *Today* (Published)

How friendly is too friendly?, by THULASIDAS, Manoj. (2008, March 01). *Today* ,1-1. (Published)

When you have to dump it, by THULASIDAS, Manoj. (2008, January 19). *Today* ,1-1. (Published)

Flirting with a flourish, by THULASIDAS, Manoj. (2008, January 05). *Today* (Published)

I' m a virus harming the earth, by THULASIDAS, Manoj. (2007, December 01). *Today* ,29-29. (Published)

When the rumour strikes..., by THULASIDAS, Manoj. (2007, October 27). *Today* ,35-35. (Published)

The office killjoy, by THULASIDAS, Manoj. (2007, October 20). *Today* ,34-34. (Published)

Keep the talk flowing, by THULASIDAS, Manoj. (2007, September 29). *Today* ,36-36. (Published)

Who' s creating?, by THULASIDAS, Manoj. (2007, September 15). *Today* ,1-1. (Published)

Insults in your inbox, by THULASIDAS, Manoj. (2007, September 01). *Today* ,1-1. (Published)

Are you too smart for your own good?, by THULASIDAS, Manoj. (2007, August 25). *Today* ,31-31. (Published)

Where work and death meet, by THULASIDAS, Manoj. (2007, August 11). *Today* ,1-1. (Published)

They want to talk, but are they listening?, by THULASIDAS, Manoj. (2007, July 28). *Today* ,12-12. (Published)

How much should foreign talent be paid?, by THULASIDAS, Manoj. (2007, July 21). *Today* ,15-15. (Published)

Appraisal - Who needs it?, by THULASIDAS, Manoj. (2007, July 14). *Today* ,1-1. (Published)

It's not so hard to say goodbye, by THULASIDAS, Manoj. (2007, July 07). *Today* ,1-1. (Published)

Intellectual Property

Granted: Manoj THULASIDAS, "Method for Identifying Individuals, US Patent App. 10/250,125,", 26323

TEACHING

Teaching Areas

Business Modelling using Spreadsheets, Data Analytics
Mathematics for Computer Science

Courses Taught

Singapore Management University

Undergraduate Programmes :

- Linear Algebra for Computing Applications
- Spreadsheet Modeling and Analytics
- Text Mining and Language Processing
- Web Application Development I

Postgraduate Professional Programmes :

- Text Analytics and Applications

Postgraduate Research Programmes :

Empirical Research Project I

Empirical Research Project II

OTHER ACADEMIC AND PROFESSIONAL ACTIVITIES

Media Contributions and Citations

Appeared in a TV interview Singapore Choice (in Malayalam), AsiaNet TV channel, 01 Dec 2014 https://youtu.be/ZTMM_zahdAo

Comments on the sub-prime crisis in evening news, Channel 5 and Channel News Asia, 01 Jan 2008

Commenting on the volatile year as a quantitative finance expert, Cover story of the Wilmott Magazine, 01 Jan 2008

Brain-Computer Interface research results, Channel News Asia, 01 Dec 2004

Samsung DigitAll Hope award: During the award ceremony for this Samsung grant, the media conducted an interview and reported on it in the evening news, Channel i, 01 Nov 2004

The Straits Times did an interview and published a news report piece on the work done in the area of Brain-Computer Interface by the team, The Straits Times, 01 Sep 2004

UNIVERSITY SERVICE

Singapore Management University

Committee Member, Faculty Search Committee, Jul 2021 - Nov 2021

Committee Member, SMU Inter-School Scholarship Interview and Selection Committee, Jul 2021 - Present

Track Coordinator, Business Analytics Track, Jan 2020 - Jun 2021

Basket Coordinator, Modes of Thinking, Jul 2019

Co-Programme Director, BSc (Computing & Law), Jan 2019 - Dec 2019

Committee Member, Core Curriculum Committee, Jun 2018 - Present

START Coordinator, SIS, May 2018 - Present

Interaction Day Coordinator, SIS, Jan 2018 - Dec 2018

EXTERNAL SERVICE – PROFESSIONAL

Committee Member, ITiCSE 2023 Conference, 2023

Program Chair, ITiCSE 2022 Conference, 2022

Committee Member, Consultative Group to review A Level Math curriculum, Consultative Group to review A Level Math curriculum, 2022 - Present

Presenter Keynote Address, IPECS2020 Conference, 2020

Invited Lecture, IEEE Computer Society, Kerala Chapter, 2020

Invited Lecture, Ngee Ann Polytechnic, 2016

Invited Lecture, NTU, 2014

Invited Lecture, NTU, 2012

Guest Speaker, FinCAD and Wiley Finance, 2011