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EDUCATIONAL QUALIFICATIONS (Highest to lowest)

Degree/ Examination	College/ Institute	Affiliated University/ Board/ Autonomous Body	Passing Year	Discipline	Division/ Class	Percentage of Marks
PhD	AALBORG UNIVERSITY	AALBORG UNIVERSITY	2007	WIRELESS COMMUNICATION		
B.Eng	BIRLA INSTITUTE OF TECHNOLOGY MESRA RANCHI	BIRLA INSTITUTE OF TECHNOLOGY MESRA	2000	ELECTRONICS AND COMMUNICATION ENGINEERING	1st	85.3
ISC	ST. PATRICK'S H.S.SCHOOL ASANSOL	ICSE	1996	SCIENCE	1st	85.25
ICSE	ST. PATRICK'S H.S. SCHOOL ASANSOL	ICSE	1994	SCIENCE	1st	91.67

EXPERIENCE DETAILS (latest first)

Nature of Experience	University/ Organization	Designation	From	To	Total Period	Remarks
Teaching	IIT KHARAGPUR	ASSOCIATE PROFESSOR	06-06-2016	21-06-2020	5Y 1M	GSSST
Teaching	IIT KHARAGPUR	ASSISTANT PROFESSOR	12-09-2008	05-06-2016	7Y 8M 28D	GSSST and E&ECE,
Industry	TATA CONSULTANCY SERVICES	ASSISTANT SYSTEMS ENGINEER	15-05-2000	01-09-2003	3Y 3M 19D	Multi Media Group, DSP Group
Industry	TATA CONSULTANCY SERVICES	ASSISTANT CONSULTANT	02-09-2003	30-09-2007	4Y 29D	TCS lab in Aalborg University, Aalborg Denmark, as researcher
Industry	TATA CONSULTANCY SERVICES	SENIOR SCIENTIST	01-10-2007	29-08-2008	11M 3D	Embedded Systems Group

TEACHING EXPERIENCE (Subject/s Taught/Teaching)

- MIMO communications,
- Modern Digital Communication Techniques,
- Communication Signal Processing Algorithms,
- Mobile Communications and Fading Channels,
- Teletraffic Engineering,
- Introduction to Wireless Communications,
- Broadband Access Networks

- Telecommunication Systems Engineering Laboratory,
- Digital Communications Laboratory,
- Communication Simulation Laboratory,
- Basic Electronics Laboratory
- Analog Communications Laboratory,

Massive Open Online Courseware

- Evolution of Air Interface towards 5G
  - NTPEL resources : https://nptel.ac.in/courses/108/105/108105134/#
  - Youtube: https://www.youtube.com/watch?v=S6yBhGUpIFM&list=PLbRMhDVUMngcGDlSMc5ibSqp2yAtbKo7d
- Modern digital communication techniques
  - NPTEL resource : https://nptel.ac.in/courses/117/105/117105144/
  - Youtube : https://www.youtube.com/watch?v=m845-5JHkVI&list=PL2rY_MetoyGnyLAVKLRMs81KezeaR6486
- Fundamentals of MIMO Wireless Communication
  - NPTEL resource : https://nptel.ac.in/courses/117/105/117105132/
  - Youtube : https://www.youtube.com/watch?v=pWs_PXDD_VA&list=PL2rY_MetoyGnxjllP1eC6Lc0GXeS5Kfly

AWARD(S) / HONOUR(S) / FELLOW DETAILS

Type	Name of Award/Honour/Fellow	Organization Presenting Award/Honour/Fellowship	Year
Others	Scholarship	Eastern Coalfields limited	1990
Others	Scholarship	Eastern Coalfields limited	2000
Others	Sponsorship for PhD	Tata Consultancy Services	2003
Others	Science Foundation Ireland International Strategic Cooperation award program	Trinity College Dublin	2015

RESEARCH GUIDANCE

PhD Thesis

1. Subbarao Boddu "*Cell edge performance in orthogonal frequency division multiple access networks using frequency reuse schemes by*"

2. Prabhu C "*System level performance evaluation of broadband wireless access networks*"

3. Subhendu Batabyal "*Quality of Service Analysis forMultiple Input Multiple Output - Orthogonal Frequency DivisionMultiple Access Cellular Networks*"

4. Priyadarshi Ashok Dahat "*Device-to-device communications in OFDMA cellular networks*"

5. Basabdatta Palit "*Cross Layer Design of Schedulers for QoS provisioning of Multi-Class Traffic in Wireless Networks*"

6. Karthik Mohan K "*Enhancement of Spectral Efficiency through Parametric Estimation of Distribution of Channel State Information*"

MS Thesis

1. Priyangshu Ghosh "*Packet scheduling-radio resource allocation and energy efficiency in wireless broadband communication systems*"

2. Jayeeta Saha "*Performance enhancement of wireless communication systems using link adaptation*"

3. Priyabrata Parida "*Performance evaluation of multiple antenna and radio resource allocation techniques in cellular systems*"

4. Sandip Das "*Hardware Test Bed for PHY-MAC Protocol Catering to OFDMA Based Systems*"

RESEARCH AREAS

- Wireless Communications
- Radio Access Technology (RAT) / AIR INTERFACE.
- Waveform Design
- Multi carrier transmission technologies.
- Generalized frequency division multiplexing (GFDM)
- Orthogonal time frequency space (OTFS) modulation.
- Non Orthogonal Multiple Access
- MIMO channel characterization
- Estimation of MIMO Channel Spatial Correlation
- Characterization of Line of Sight Channel model
- Quality Service constrained RAN provision
- QoS constrained Radio Resource Allocation and Packet Scheduling
- Radio Access Network
- Coverage Analysis

PUBLICATION DETAILS

Publication/Patent/Copyright Type	Number Accepted/ Completed
Publication in Refereed Journal/s[International]	30
Publication in Proceeding of Seminars/Conferences[National]	9
Publication in Proceeding of Seminars/Conferences[International]	50
Book/s	4
Patent/s	7
Book Chapter/s	1

SPONSORED RESEARCH AND CONSULTANCY UNDERTAKEN

Designation	Project Name	Sponsored By	From Date	To Date	Duration (Month)	Project Value
PI	RESEARCH IN ADVANCED WIRELESS MOBILE COMMUNICATIONS FOR ORTHOGONAL TIME FREQUENCY SPACE MODULATION (OTFS) (AWF)	Wipro Limited	24-06-2019	23-12-2020	18	3476280.00
PI	TECHNICAL ASSISTANCE FOR WAVEFORM DESIGN TO PROVIDE PACKET DATA SERVICE TO EARTH SURFACE VEHICLES USING SATELLITE (TWPS)	Aricent Technologies (Holdings) Ltd.	01-06-2018	31-07-2018	18	1200000.00
PI	TECHNICAL REVIEW OF ENODEB AND ITS PARTS (TEAI)	Reliance Jio Infocom Limited	01-08-2017	03-12-2019	36	2301000.00
CO-PI	PERFORMANCE IMPROVEMENT OF SDR IN FREQUENCY HOPPING DYNAMIC TDMA (PFDT)	HINDUSTAN AERONAUTICSLIMITED,SLRDC	30-06-2017	30-09-2017	3	1032500.00
CO-PI	ESTABLISHMENT OF QUANTUM COMMUNICATION LINK FOR SPACE APPLICATION (EQS)	SPACE APPLICATIONS CENTRE, Indian Space ResearchOrganization	01-06-2018	31-05-2020	24	5592000.00
PI	SUITABILITY OF FREE SPACE OPTICAL COMMUNICATION LINK FOR ON BOARD DATA HANDLING (OBDH) IN SATELLITE (OCH)	KCSTC,Kalpana Chawla Space Technology Cell	01-12-2014	30-11-2016	24	3072000.00
PI	DEVELOPMENT OF INTERFERENCE MITIGATION METHODS THROUGH BASE STATION COOPERATION IN NEXT GENERATION WIRELESS BROADBAND MOBILE COMMUNICATIONS METHODS. (DIM)	Ministry of Communication & Information Technology,Department of Information Technology,Ministry ofCommunication & Information Technology,	20-04-2011	31-03-2015	48	9060000.00
PI	FADING CHANNELS & MOBILE COMMUNICATION (VLS/5)	MHRD,NEW DELHI	01-04-2010	24-09-2017	84	5300000.00
PI	STANDARDIZATION ACTIVITY IN 4G BEYOND IN RAN (VDA-IX)	VODAFONE ESSAR (VEICET),IIT Centre of Excellence inTelecommunications	12-10-2010	11-10-2013	36	3275000.00
PI	SELF CONFIGURING NETWORKS : FLEXIBLE SPECTRUM SHARING FOR HOME BASE - STATION IN NEXT GENERATION MOBILE TELECOMMUNICATION SYSTEMS (VDA-VI)	VODAFONE ESSAR (VEICET),IIT Centre of Excellence inTelecommunications	01-05-2009	31-03-2013	48	1900000.00
CO-PI	DEVELOPMENT OF CDMA ALGORITHM FOR TARGET UPDATE LINK (ATL)	BHARAT ELECTRONICS LIMITED,MM-CRLCentral Research Laboratory	15-09-2014	07-05-2014	6	716950.00
CO-PI	DESIGN AND SIMULATION OF BASEBAND DIGITAL CDMA TRANSCEIVER (TCD)	Ministry of Defence,Government of India,Ministry of Defence, Research & Development Organization,Integrated Test Range, Chandipur	01-09-2009	30-06-2011	18	950000.00

WORKSHOP / CONFERENCE / INVITED SEMINAR / SHORT-TERM COURSE ORGANIZED

Type	Name	Year	No. of Participants
Short-term course organized	GIAN : Evolution of Wireless Communication towards 5G	2018	60
Short-term course organized	GIAN: 5g scenarios and technology solutions	2016	60
Conference organized[International]	IEEE 5G Summit Kolkata	2017	100
Conference organized[National]	National Conference on Communications,	2020	200
Seminar invited	A Complex Systems Science Perspective on Wireless Networks	2014	45
Seminar invited	Optical-Wireless Networks	2014	30
Seminar invited	Performance in Small Cells and Heterogeneous Networks	2014	40
Short-term course organized	Wireless Communication and Networks	2010	52

1. Journals

1. Non Orthogonal Multiple Access with Orthogonal Time Frequency Space Signal Transmission *by* Chatterjee A., Kumar V. , Tiwari S. , Das S. S. ***IEEE Systems Journal*** - (Accepted/In-Press)
2. Time Domain Channel Estimation and Equalization of CP-OTFS Under Multiple Fractional Dopplers and Residual Synchronization Errors, Das S. S., Rangamgari V. , Tiwari S. , Mondal S. C., **IEEE ACCESS** , Accepted
3. Iterative Sub-band and Power Allocation in Downlink Multi-band NOMA by Goswami D., Das S. S. ***IEEE Systems Journal***- Accepted/In-Press
4. Multiple QoS provisioning with Pre-emptive Priority Schedulers in Multi-Resource OFDMA networks by Palit B., Das S. S., Kamavaram Y. ***Wireless Networks*** - (Accepted/In-Press)
5. Circularly Pulse Shaped Orthogonal Time Frequency Space Modulation by Tiwari S., Das S. S. ***Electronic Letters*** - (Accepted/In-Press)
6. Device-to-device communications under transceiver impairments in OFDMA cellular networks by Dahat P. A., Das S. S**.** ***Physical Communication*** 40 - (2020)
7. Link Adaptation Schemes based on Parametric Estimation of SNR distribution over Nakagami-m fading channels by Mohan K., Das S. S., Ray P. ***IEEE Transactions on Communications*** 67 1537-1553 (2019)
8. Low complexity LMMSE receiver for OTFS, by Tiwari S., Das S. S. ***IEEE Communications Letters*** - (2019)
9. Spectral Efficiency Analysis in Presence of Correlated Gamma-Lognormal Desired and Interfering Signals by Chatterjee A., Mukherjee S. , Das S. S. ***IEEE Transactions on Vehicular Technology*** 68 5173-5178 (2019)
10. A Cross Layer Framework of Radio Resource Allocation for QoS Provisioning in Multi-channel Fading Wireless Networks by Palit B., Das S. S. ***Wireless Networks*** - (2018)
11. Analytical Performance Evaluation of Full-Dimensional MIMO Systems using Realistic Spatial Correlation Model by Chatterjee S., Chatterjee A. , Das S. S. ***IEEE Transactions on Vehicular Technology*** 67 5597-5612 (2018)
12. Downlink Signal-to-Interference Ratio and Spectral Efficiency of MIMO Cellular Networks using Truncated Lognormal Approximation by Chatterjee A., Parida P. , Das S. S**.** ***IEEE Systems Journal*** PP 1-12 (2018)
13. Link Adaptation using Dynamically Allocated Thresholds and Power Control by Saha J., Das S. S., Mukherjee S. ***Wireless Personal Communications*** - (2018)
14. Low-Complexity Joint-MMSE GFDM Receiver by Tiwari S., Das S. S. ***IEEE Transaction on Communications*** 66 1661-1674 (2018)
15. Analytical Calculation of Rician K-Factor for Indoor Wireless Channel Models by Mukherjee S., Das S. S., Chatterjee A. , Chatterjee S. ***IEEE Access*** - (2017)
16. Low Complexity User Selection with Optimal Power Allocation in Downlink NOMA by Nain G., Das S. S., Chatterjee A. ***IEEE Wireless Communication Letters*** - (2017)
17. Multi-Objective Framework for Dynamic Optimization of OFDMA Cellular Systems by Prabhu Chandhar and Suvra Sekhar Das ***IEEE Access***, accepted (2016)
18. Analysis of Bandwidth Requirement of Users in Flexible Reuse Cellular Networks by Subbarao Boddu, B. V. Philip and Suvra Sekhar Das, ***IEEE Communication letters***, *vol 20, Issue 3, March* 2016

19. Discrete Fourier Transform Spreading based Generalized Frequency Division Multiplexing by Suvra Sekhar Das, Shashank Tiwari ***Electronic Letters***, 14th May 2015 Vol. 51 No. 10
20. Precoded GFDM System to Combat Inter Carrier Interference: Performance Analysis by Shashank Tiwari, Suvra Sekhar Das ***IET Journal on Communications***, , 2015, Vol. 9, Iss. 15,
21. Area Spectral Efficiency of Co-Channel Deployed OFDMA Femtocell Networks by Chandhar, P. Suvra Sekhar Das ***IEEE Transactions on Wireless Communications***, vol 13, issue 7, Jul (2014)
22. Performance Analysis of Flexible Reuse in Cellular Networks, by Subba Rao Boddu, Suvra Sekhar Das, R.V. Rajakumar ***IET Journal on Communications****, Vol. 9, Iss. 6 (2015)*
23. Performance Evaluation of Mixed Traffic Schedulers in OFDMA Networks, by Basabdatta Palit, Suvra Sekhar Das ***Wireless Personal Communications***, 2015, *v-83, 2029-2047,2015*
24. Signal to Interference Based Antenna Selection for Spatial Multiplexing, DOI 10.1007/s11277-015-2435-x by Subhendu Batabyal ***Wireless Personal Communications***, *v-83, I-2, 975-993 (2015)*
25. Gos Evaluation for OFDMA Cellular Networks. Wireless Personal Communications, DOI 10.1007/s11277-015-2433-z by Subhendu Batabyal, Suvra Sekhar Das ***Wireless Personal Communications****, (2015)*
26. QoS Enhancement in OFDM based Systems under Transceiver Impairments by Priyadarshi Ashok Dahat, Suvra Sekhar Das ***Physical Communications***, *Volume 16, September 2015*
27. Performance Analysis of Device-to-Device Communications in Cellular Networks under Varying Load Conditions, DOI 10.1007/s11277-015-2501-4 by Priyadarshi Ashok Dahat ***Wireless Personal Communications***, *v-83, 2029-2047, 2015*
28. Bandwidth Partitioning and SINR Threshold Analysis of Fractional Frequency Reuse in OFDMA Cellular Networks for Real Time and Best Effort Traffic by Subba Rao Boddu, Atri Mukhopadhyay, Bigi Vargheese Philip, Suvra Sekhar Das & Ratnam V. Rajakumar ***Wireless Personal Communications****, 72, September(II) (2013)*
29. Performance Analysis of OFDM systems with Adaptive Sub Carrier Bandwidth by Suvra Sekhar Das, E. De Carvalho, and R. Prasad ***IEEE Transaction on Wireless Communications***, 7/ 4 (2008)
30. Variable sub-carrier bandwidth in OFDM framework by Suvra Sekhar Das, E. De Carvalho, and R. Prasad ***IEE Electronic Letters***, 43, issue 1, (2007)

2. IPRs (National)

1. LOW COMPLEXITY GENERALIZED FREQUENCY DIVISION MULTIPLEXING TRANSCEIVER: Submitted (Ref: Indian Patent Application No.: 1018/KOL/2015 dated September 25, 2015)
2. A Precoded Generalized Frequency Division Multiplexing System to Combat Inter Symbol Interference and Reduce Peak to Average Power Ratio: submitted (Ref: Patent Appl. No. 453/KOL/2015 dated 24.04.2015)
3. A METHOD A DEVICE AND A SYSTEM FOR OBTAINING HIGH DATA RATE AND
4. CONTINUED SERVICE OVER MULTIPLE RADIO ACCESS NETWORKS (Indian Patent Application No.: 592/KOL/2013 dated May 23, 2013)
5. Enhancing spectral efficiency of OFDM systems by Data Transmission over Pilot Tones: (Patent No. 214204 , Grant Date 07-Feb-2008 Ref: Patent Application No 963/MUM/2004.)
6. METHOD FOR TRANSMITTING DATA IN A WIRELESS NETWORK : A novel multi-rate orthogonal frequency division multiplexing system proposal to reduce inter-carrier interference: Granted. Patent No. 260999. (Ref: September, 2004, Patent Application No 964/MUM/2004.)
7. *A Method for Ensuring High VoIP Capacity in LTE: (Indian Patent Application No.: 0618/KOL/2013 dated May 28, 2013 , Ref: PAA 1723)*

3. IPRs (International)

1. Process and a system for transmission of data: Publication date: Apr 27, 2006; Filing date Sep 8, 2005; (Ref: US 20060088112 A1: http://www.google.com/patents/US20060088112)
2. "A Generalized FFT-IFFT Structure Based Frequency Division Multiplexing Transceiver", US Patent, Filled on 20-3-2018, Application Number 15926041. ; "A Generalized FFT-IFFT Structure Based Frequency Division Multiplexing Transceiver", Indian Patent, Filled on 3-12-2017, Application Number 46183/KOL/2017.
3. " A Generalized Frequency Division multiplexing transceiver ", PCT, Filled on 30-09-2015, Application Number PCT/EP2015/072610.

4. Books

1. OTFS: Orthogonal Time Frequency Space Modulation: A waveform for 6G. River Publishers, Denmark. by Suvra Sekhar Das and Ramjee Prasad, (River Publishers, In Press)
2. Evolution of 5G Radio Access Network: River Publishers, Denmark. by Suvra Sekhar Das and Ramjee Prasad, (River Publishers, 2018)

3. Adaptive PHY-MAC Design for Broadband Wireless Systems by Ramjee Prasad, Suvra Sekhar Das, Muhammad Imadur Rahman (River Publishers, 2010)
4. Single- and Multi-Carrier MIMO Transmission for Broadband Wireless Systems by Ramjee Prasad, Muhammad Imadur Rahman, Suvra Sekhar Das and Nicola Marchetti (River Publishers, 2009)

5. Conferences (National)

1. Parametric Estimation of SINR Distribution Using Quantized SINR Samples for Maximizing Average Spectral Efficiency *by* K K. M., Das S. S. **Twenty Seventh National Conference on Communications (NCC-2021) Virtual Conference 27 - 30 July 2021** - (2021)
2. OTFS: Interleaved OFDM with Block CP *by* Rangamari V. K., Tiwari S. , Das S. S., Mondal S. **2020 National Conference on Communications (NCC)** - (2020)
3. Evaluation of spatial correlation and its effect on channel capacity of uniform planar antenna array by Chatterjee A., Chatterjee S. , Das S. S. **National Conference on communication - (2017**)
4. Hardware Implementation of MIMO OFDMA Test Bed and its Application Towards Channel Characterization on Indoor Lab Test Environment by Sandip Das, Suvra Sekhar Das, Indrajit Chakrabarti **National Conference on Communications**, accepted (2016)
5. Bandwidth Partitioning and SINR Threshold Design Analysis of Fractional Frequency Reuse by Subba Rao Boddu, Atri Mukhopadhyay, Bigi Varghese Philip, Suvra Sekhar Das **National Conference on Communications**, (2013)
6. Call Admission Control for Real-Time Traffic in OFDMA Based Cellular Networks by Subhendu Batabyal, Suvra Sekhar Das **National Conference on Communications**, (2013)
7. Energy Saving in OFDMA Cellular Systems Using Base-Station Sleep Mode: 3GPP- LTE a Case Study by Priyangshu Ghosh, Suvra Sekhar Das, Swetha Naravaram, Prabhu Chandhar **National Conference on Communications**, (2012)
8. VoIP Scheduling with Reduced Overhead and Radio Resource Usage Estimation-Effect on Best Effort Capacity by Priyangshu Ghosh, Suvra Sekhar Das, Prabhu Chandhar **National Conference on Communications,** (2012)
9. Synchronization Algorithms for The IEEE 802.11 a/g Wireless Lan by Arijit Dey, Dr. R.V. Rajakumar, Suvra Sekhar Das, A. Pal, Balamurali. 10th **National Conference on Communications, Indian Institute of Science, Bangalore,** (2004)

10. Conferences (International)

1. Performance of iterative Successive interference cancellation receiver for LDPC coded OTFS, Das S. S., Tiwari S. , Ramgamgari V. , Mondal S. C., Accepted, IEEE ANTS, 2020
2. Generalized Approach for Analysing Quantum Key Distribution Experiments by Maitra A., Das S. S. 20th International Conference on Cryptology in India - (Accepted/In-Press)
3. System Level Performance Analysis using Semi-Analytical Framework for Area-Averaged SINR Distribution for OFDMA Cellular Systems by K K. M., Das S. S. 90th IEEE VTC fall - (2019)
4. Downlink Coverage Analysis of 3-D Ultra Dense Networks with Realistic Propagation Conditions., by Chatterjee A., Das S. S., IEEE ANTS 2019
5. A Functional Complexity Framework for Dynamic Resource Allocation in VANETs by Pattanayak K., Chatterjee A. , Dzaferagic . , Das S. S., Marchetti N. The 14th International Wireless Communications and Mobile Computing Conference (IWCMC 2018) - (2018)
6. Design of Troposcatter Broadband Link based on SCFDE by Garg A., Das S. S. International Conference on Advanced Networks and Telecommunications Systems - (2017)
7. Comparative analysis of waveforms for fifth generation mobile networks by Tiwari S., Chatterjee S. , Das S. S. IEEE International Conference on Advanced Networks and Telecommunications Systems - (2016)
8. Hardware Implementation of MIL-STD-1553 Protocol Over OFDMA-PHY Based Wireless High Data Rate Avionics Systems by , Das S. , Chakrabarti I. , Das S. S. IEEE-ANTS - (2016)
9. MIL-STD-1553 Based Wireless Visible Light Communication System by , Das S. , Chandrakar N. , Das S. S. IEEE International Conference on Advanced Networks and Telecommunications Systems - (2016)
10. Analytical evaluation of post processing SIR for spatial diversity modes in cellular systems by Priyabrata Parida and Suvra Sekhar Das In Proceedings of IEEE International Conference on Signal Processing and Communications (SPCOM), (2014)
11. Power Allocation in OFDM based NOMA Systems: A DC Programming Approach by Priyabrata Parida, Suvra Sekhar Das in Proceedings of Globecom 2014 Broadband Wireless Access Workshop (GC14 WS-BWA), (2014)
12. Energy Saving in OFDMA Cellular Networks with Multi-Objective Optimization by Prabhu Chandhar, Suvra Sekhar Das in IEEE ICC, (2014)

13. Area Energy Efficiency Analysis for OFDMA Femtocell Networks by Prabhu Chandhar, Suvra Sekhar Das International Symposium on Wireless Communication Systems (ISWCS), (2014)
14. Adaptive Downlink Power Control for Co-Channel Femtocells in OFDMA CellularNetworks by Prabhu Chandhar, Suvra Sekhar Das IEEE VTC Spring, (2014)
15. Analysis of a Call Admission Control Algorithm for Real- Time Traffic in OFDMA Based Cellular Networks by Subhendu B, Suvra Sekhar Das IEEE VTC Spring, (2014)
16. Cell Load Coupling Framework for Load Balancing and ICI Coordination in OFDMA Cellular Networks by Prabhu Chandhar, Suvra Sekhar Das IEEE VTC Spring, (2014)
17. Analysis of Area Spectral Efficiency for Co-Channel Deployed Macrocell-Femtocell OFDMA Networks by Prabhu Chandhar, Suvra Sekhar Das IEEE ICC 2013,
18. Analysis of Fractional Frequency Reuse in OFDMA Networks for Real Time and Best Effort Traffic by Subba Rao Boddu, Atri Mukhopadhyay, Prabhu Chandhar, Bigi Varghese Philip, Suvra Sekhar Das IEEE ICC 2013, (2013)
19. Energy Saving in OFDMA Networks through Base Station Sleep Mode using Genetic Algorithm by Suvra Sekhar Das, Prachi Agrawal, Prabhu Chandhar IEEE VTC Spring 2013
20. Analytical Evaluation of Offloading Gain in Macrocell-Femtocell OFDMA Networks by Prabhu Chandhar, Suvra Sekhar Das , VTC spring 2013
21. Performance of VoIP in Presence of MIMO Interference in OFDMA (LTE) Networks by Priyabrata Parida, Suvra Sekhar Das, Subhajit Paul IEEE VTC Spring 2013,
22. Estimation of Effective Radio Resource Usage for VoIP Scheduling in OFDMA Cellular Networks by Suvra Das, Priyangshu Ghosh, and Prabhu C. IEEE VTC Spring 2012,
23. Distance dependent Call Blocking Probability, and Area Erlang Efficiency of Cellular Networks by Subhendu Batabyal, and Suvra Das, IEEE VTC Spring 2012,
24. Comparison of Rain Fade Mitigation Techniques Using CRC and Embedded Pilot Methods in Ka-Band Satellite Links by Suvra Sekhar Das, Santanu Mondal, Jayeeta Saha, Kalyan Bandyopadhyay IEEE VTC Spring 2011,
25. Issues in Femtocell Deployments in Broadband OFDMA Networks: 3GPP-LTE a Case Study. by Suvra Sekhar Das, Prabhu Chandhar, Soumen Mitra, Priyangshu Ghosh IEEE VTC Fall 2011,
26. Comparison of SVD-MIMO with Antenna-Selection-BLAST Using Linear Receivers under Channel Estimation Errors for ITU Channels by Suvra Sekhar Das, Subhendu Batabyal IEEE VTC Fall 2011,
27. Channelization Issues with Fairness Considerations for MU-MIMO Precoding Based UTRA-LTE/TDD Systems by Yuanye Wang, Muhammad Imadur Rahman, Suvra Sekhar Das, Troels Sorensen, Preben Mogensen IEEE VTC Fall 2008, Calgary, (2008)
28. Allocation Fairness for MIMO Precoded UTRA-LTE TDD System by Yuanye Wang, Muhammad Imadur Rahman, Suvra Sekhar Das, Troels Sorensen, Preben Mogensen IEEE VTC Fall 2008, Calgary,
29. Impact of Self Interference on performance of variable rate variable power transmission techniques by Suvra Sekhar Das, Ramjee Prasad IEEE VTC spring 2008.
30. Bit and Power Loading Approach for Broadband Multi-Antenna OFDM System by Muhammad Imadur Rahman, Suvra Sekhar Das, Yuanye Wang, Flemming Bjerge Frederiksen, Ramjee Prasad 66th IEEE VTC fall 2007, Baltimore, USA, (2007)
31. Hybrid Strategies for Link Adaptation exploiting several degrees of freedom in OFDM based Broadband Wireless Systems by Suvra Sekhar Das, Muhammad Imadur Rahman, Yuyane Wang, Fleming B. Fredericksen, Ramjee Prasad 66th IEEE VTC fall 2007, Baltimore, USA,
32. Variable Sub-Carrier Bandwidths in OFDM(A) Framework by Suvra Sekhar Das, Elisabeth De Carvalho, Ramjee Prasad, et. al IEEE VTC Spring 2007, Dublin, Ireland,
33. Dynamically Adaptive Bandwidth for Sub Carriers in OFDM based Wireless Systems by Suvra Sekhar Das, Elisabeth De Carvalho, Ramjee Prasad, et. al. IEEE Wireless Communications and Networking Conference 2007, Hong Kong, (2007)
34. Influence of Inter Carrier Interference on Link Adaptation Algorithms in OFDM Systems by Suvra Sekhar Das, Muhammad Imadur Rahman, Yuyane Wang, Carlos Lenoel, Fleming B. Fredericksen, Ramjee Prasad 16th IST mobile Summit, 2007. Budapest, Hungary.,
35. Bit and Power Loading Approach for Broadband Multi-Antenna OFDM System by Muhammad Imadur Rahman, Suvra Sekhar Das, Ramjee Prasad 66th IEEE VTC fall2007, Baltimore, USA,
36. Influence of PAPR on Link Adaptation Algorithms in OFDM Systems by Suvra Sekhar Das, Muhhamad Imadur Rahman, Nidcha Pongsuwanich, Fleming B. Fredericksen, Ramjee Prasad IEEE VTC Spring 2007, Dublin, Ireland,
37. Adaptive Modulation and Power Loading with PAPR Considerations for OFDM Based Systems by Suvra Sekhar Das, Muhammad Imadur Rahman, Yuyane Wang, Fleming B. Fredericksen, Ramjee Prasad 66th IEEE VTC fall 2007, Baltimore, USA,

38. Time Correlation function for RMS delay spread of a channel model by Suvra Sekhar Das, Ramjee Prasad, et. al. IST Mobile Summit June 2006, Myconos, Greece., (2006)
39. VGI OFDM in dynamic channel conditions by Suvra Sekhar Das, Ramjee Prasad, et. al. IEEE PIMRC 2006,
40. Performance of MultiCarrier Access Schemes with Receiver Impairments in Down LinkIndoor Environment by Suvra Sekhar Das, Rajeshwar Rao, Ramjee Prasad IEEE VTC Spring 2006, Melbourne, Australia., (2006)
41. On Performance of SCH-OFDMA-CDM in Frequency Selective Indoor Environment by Suvra Sekhar Das, Muhammad Imadur Rahman, Frank H.P. Fitzek, Ramjee Prasad IEEE Vehicular Technology Conference Spring 2005, Stockholm, Sweden.,
42. Multi Rate Orthogonal Frequency Division Multiplexing by Suvra Sekhar Das, et. al. IEEE International Conference on Communications (ICC) Seoul, Korea, May, (2005)
43. Pre- and Post-DFT Combining Space Diversity Receiver for Wideband Multi-Carrier Systems by Muhammad Imadur Rahman, Suvra Sekhar Das, Frank H.P. Fitzek, Ramjee Prasad In proc. 8th Wireless Personal Multimedia Communication'05, 19-21 September, 2005, Aalborg, Denmar,
44. Combining Orthogonal Space-Frequency Block Coding and Spatial Multiplexing in MIMO-OFDM System by Muhammad Imadur Rahman, Nicola Marchetti, Suvra Sekhar Das, Frank H.P. Fitzek, Ramjee Prasad In proc. of 10th International OFDM-Workshop (InOWo '05), Hamburg, Germany, 31 Aug-01Sep, 2005,
45. Variable Guard Interval for OFDM based WLANs by Suvra Sekhar Das, Ramjee Prasad, et. al. 16th International Symposium on Personal Indoor and Mobile Radio Communications, Berlin, Germany, (2005)
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