

Jehanzeb Burki

Defence Faculty
College of Aeronautical Engineering

Email:
Contact: 0923631472
LinkedIn:



About

Dr. Jehanzeb Burki is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Jehanzeb Burki has a PhD in Electrical Engineering. Dr. Jehanzeb Burki has published 8 research articles & conference papers having a citation count of 43, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical Engineering Georgia Institute of Technology , United States	- 2008
MS in Electrical Engineering Georgia Institute of Technology , United States	- 2004
BE in Avionics Engineering NED UET Karachi , Pakistan	- 1993

Experience

Defence Faculty College of Aeronautical Engineering	2021- Present
Defence Faculty College of Aeronautical Engineering	2019 - 2021
No 606 No 606 R&D Wing, PAF ,	- Present
Project Vision , AHQ Islamabad	- Present
Project Vision , AHQ Islamabad	- Present
Project Vision , AHQ Islamabad	- Present
Avionics Engg Avionics Engg Department , Avionics Engg Department CAE NUST	- Present
Project Vision , AHQ Islamabad	- Present
Project Vision , AHQ Islamabad	- Present
 Pakistan Air Force ,	1988 - 2019

Professional Memberships

PEC

Research Projects

National Projects

Digital Terrain Map using LIDAR sensor for ground based and airborne applications

2020

Funding Agency: IGNITE

Amount: PKR 80,000.00

Status: Completed

International Projects

Research Articles

An ultrawideband inverted double discone antenna with 150:1 impedance bandwidth

2016

Irfan Shahid Fawad Hussain Jehanzeb Burki Muhammad Shoaib Arif

Microwave and Optical Technology Letters, Volume 58, Issue 1, Pages 181-184

Impact Factor: 0.731 | **Quartile:** 4 | **Citations:** 2

DOI: DOI:10.1002/mop.29530

Slant Plane CSAR Processing Using Householder Transform

2008

Jehanzeb Burki Christopher F. Barnes

IEEE Transactions on Image Processing, Volume 17, Issue 10 , Pages 1900-1907

Impact Factor: 3.315 | **Quartile:** 1 | **Citations:** 22

DOI: 10.1109/TIP.2008.2002161

Late-Season Rural Land-Cover Estimation With Polarimetric-SAR Intensity Pixel Blocks and σ -Tree-Structured Near-Neighbor Classifiers

2006

Jehanzeb Burki Christopher F. Barnes

IEEE Transactions on Geoscience and Remote Sensing, Volume 44, Issue 9, Pages 2384-2392

Impact Factor: 1.752 | **Quartile:** 1 | **Citations:** 19

DOI: 10.1109/TGRS.2006.875449

Conference Proceedings

Fast CSAR Algorithm

2008

Christopher F. Barnes Christopher F. Barnes Jehanzeb Burki

SPIE Defense and Security Symposium, res.country(233,)

Citations: N/A

DOI: <https://doi.org/10.1117/12.784526>

Refocusing of defocused images using SAR2 algorithm

2007

Christopher F. Barnes Christopher F. Barnes Jehanzeb Burki

Optical Engineering + Applications, res.country(233,)

Citations: N/A

DOI: <https://doi.org/10.1117/12.735343>

SAR with Two-Dimensional Aperture Synthesis

2007

ChristopherF.Barnes ChristopherF.Barnes Jehanzeb Burki

IEEE Radar Conference, res.country(233,)

Citations: N/A

DOI: 10.1109/RADAR.2007.374285

Beam Raster Scanning for 2D Flyover SAR

2006

Christopher F. Barnes Christopher F. Barnes Jehanzeb Burki

4th IEEE Workshop on Sensor Array and Multi-channel Processing, res.country(233,)

Citations: N/A

DOI: 10.1109/SAM.2006.1706150

Interpolation-free algorithm for SAR 2D aperture synthesis

2006

Christopher F. Barnes Christopher F. Barnes Jehanzeb Burki

Defense and Security Symposium, res.country(233,)

Citations: N/A

DOI: <https://doi.org/10.1117/12.665266>