Attia Batool

Assistant Professor

School of Natural Sciences

Email: attia.batool@sns.nust.edu.pk
Contact: 0334920177

About

Dr. Attia Batool is working as Assistant Professor in the School of Natural Sciences. Dr. Attia Batool has a PhD in statistical physics. Dr. Attia Batool has published 4 research articles & conference papers having a citation count of 12, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in statistical physics 2018 - 2023
University of Debrecen , Hungary

MPhil in Solid state Physics 2014 - 2016
Azad Jammu and Kashmir University , Pakistan

MSc in Physics 2010 - 2012
Azad Jammu and Kashmir University , Pakistan

BSc in Double math Physics 2008 - 2010
Azad Jammu and Kashmir University , Pakistan

Experience

Assistant Professor 2025- Present
School of Natural Sciences

Assistant Professor 2024 - 2024
School of Natural Sciences

Research Articles

Failure process of fiber bundles with random misalignment 2024
Kun Ferenc Lynet Allan Attia Batool Zsuzsa Danku Gergő Pál
Physical Review Research, Volume 6, Issue 3, Article Number 033344
Impact Factor: 3.500 | **Quartile:** 1
DOI: https://doi.org/10.1103/PhysRevResearch.6.033344

Scaling laws of failure dynamics on complex networks 2023
Gergő Pál Zsuzsa Danku Viktória Kádár Naoki Yoshioka Nobuyasu Ito Géza Ódor Kun Ferenc Attia Batool
Scientific Reports, Volume 13, Article Number: 19733
Impact Factor: 3.800 | **Quartile:** 1 | **Citations:** 1
DOI: https://doi.org/10.1038/s41598-023-47152-2

Temporal evolution of failure avalanches of the fiber bundle model on complex networks 2022
Gergő Pál Zsuzsa Danku Kun Ferenc Attia Batool
Chaos: An Interdisciplinary Journal of Nonlinear Science, Volume 32, Issue 6, Article Number 063121
Impact Factor: 2.900 | **Quartile:** 1 | **Citations:** 3
DOI: 10.1063/5.0089634

Transition from localized to mean field behaviour of cascading failures in the fiber bundle model on complex networks 2022
Gergő Pál Zsuzsa Danku Ferenc Kun Attia Batool
Chaos, Solitons & Fractals, Volume 159, Article Number 112190
Impact Factor: 7.800 | **Quartile:** 1 | **Citations:** 8
DOI: https://doi.org/10.1016/j.chaos.2022.112190