FURQAN SHAHID

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EXPERIENCE

ASSISTANT PROFESSOR CS, FUUAST ISB
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LECTURER CS, FUUAST ISB
01 Sep, 2005 – 17 Jun, 2022

EDUCATION

PHD IN COMPUTER SCIENCE (2021)
Comsats University Islamabad (CUI), Islamabad Campus

MS SE (2012)
International Islamic University, Islamabad

MSC CS (2005)
University of Agriculture, Faisalabad

RESEARCH PUBLICATIONS

✓ FURQAN SHAHID, Abid Khan, Saif Ur Rehman Malik, Kim-Kwang Raymond Choo, "**WOTS-S: A quantum secure compact signature scheme for dis tributed ledger**", Information Sciences, vol. 539, 2020, pages 229 - 249, https://doi.org/10.1016/j.ins.2020.05.024

✓ FURQAN SHAHID, Abid Khan, **"Smart digital signatures (SDS): A post-quantum digital signature scheme for distributed ledgers"**, Future Generation Computer Systems, vol. 111, 2020, pages 241-253, https://doi.org/10.1016/j.future.2020.04.042

✓ FURQAN SHAHID, Abid Khan, Gwanggil Jeon, **"Post-quantum distributed ledger for Internet of things"**, Computers & Electrical Engineering, Volume 83, 2020, article no. 106581, https://doi.org/10.1016/j.compeleceng.2020.106581

✓ Abid Khan, FURQAN SHAHID, Carsten Maple, Awais Ahmad, Gwanggil Jeon, **"Towards Smart Manufacturing Using Spiral Digital Twin Framework and Twinchain"**, IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, https://doi.org/10.1109/TII.2020.304784

✓ Ahsan Saleem, Abid Khan, FURQAN SHAHID, M. Masoom Alam, Muhammad Khurram Khan, **"Recent advancements in garbled computing: How far have we come towards achieving secure, efficient and reusable garbled circuits"**, Journal of Network and Computer Applications, Volume 108, 2018, Pages 1-19, https://doi.org/10.1016/j.jnca.2018.02.006.