

## Personal information

Surname(s) / First name(s) **Korai, Umair Ahmed**  
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Nationality(-ies) Pakistani  
Date of birth December 29, 1980  
Gender Male  
Research Interest My research interest focuses on the topics related to the Optical and Wireless Communication. I have worked in the several topics of optical communication, such as coherent optical networks, free space optics (FSO) and pretty familiar with the concepts of photonics. Currently, I am working on the weather effects, particularly rain, on FSO Links.

## Employment History

2014 – present Lecturer at [Department of Telecommunication, MUET, Jamshoro, PK](#)  
Sept. 2015 – Nov. 2015 Visiting Faculty at Staff Exchange Mobility, INTACT Erasmus Mundus, Dipartimento di Elettronica, Informazione e Bioingegneria (DEIB), [Politecnico di Milano, Italy](#)  
Aug. 2012 – Jul. 2014 Junior Instructor at Sindh Technical Education and Vocational Training, [Govt. of Sindh, Hyderabad](#)

## Education

2015 M.E. in Telecommunication Engineering and Management - [MUET, Jamshoro, PK](#)  
2012 B.E. in Telecommunication Engineering - [MUET, Jamshoro, PK](#)

## Areas of Expertise

- Optical CDMA
- Spectral Amplitude Coding
- Multiple Access Techniques
- Passive Optical Networks

## Professional Training

2015 Organized DEWSNeT'15 International Conference - held at [MUET, Jamshoro](#)  
2015 Organized 4th International Multi-Topic Conference 2015 (IMTIC'15) - held at [MUET, Jamshoro](#)  
2015 Organized World Telecommunication and Information Society Day 2015 (WTISD'15) - held at [MUET, Jamshoro](#)  
2014 Organized Event TRANSCENDENCE - Beyond The Limits 2014 - held at [MUET, Jamshoro](#)  
2014 Coordinator of Videography-Roll the reel competition of IEEE Explosion'14 - held at [MUET, Jamshoro](#)

## Additional information

### Annexes

1 List of publications

## Attachment 1: List of publications

### Publications

- [1] U. A. Korai, L. Luini, R. Nebuloni, C. Capsoni, and D. Kapal, "Modeling statistics of rain attenuation affecting fso links: A case study," in *2016 10th European Conference on Antennas and Propagation (EuCAP)*, pp. 1–4, April 2016.