

FARAH DIANA MUHAMMAD

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EXPERTISE

PHOTONICS AND FIBER OPTICS

Dr. Farah Diana Muhammad received her B.S. degree in pure science (physics) from Universiti Teknologi Malaysia, Johor, Malaysia, in 2011 and the Ph.D. degree in experimental physics (fiber lasers) from University of Malaya, Kuala Lumpur, Malaysia in 2014. She is currently a senior lecturer at the Department of Physics, Universiti Putra Malaysia, Selangor, Malaysia. She has authored and co-authored more than 25 articles in indexed journals. She has also been invited as a referee/reviewer for several national and international journals. Her research interest includes development of ultrafast fiber laser, saturable absorber, mode-locked and Q-switched fiber laser, supercontinuum generation, radio frequency generation and single-longitudinal mode fiber laser. She is currently a principle investigator of the Fundamental Research Grant Scheme (FRGS)-Ministry of Education of Malaysia and Grant of Universiti Putra Malaysia (GP-IPM).

Current Research Interest

- Ultrafast fiber laser
- Two-micron fiber laser
- Mid-infrared supercontinuum
- Mode-locked fiber laser
- Q-switched fiber laser
- Raman fiber laser
- Supercontinuum generation

LINK TO POSTGRADUATE FIELD OF STUDY:

ADDITIONAL INFORMATION: