


## Brief CV

<b>Name</b>	Pua Chang Hong	<b>中文名</b>	潘昌宏	
<b>Gender</b>	Male	<b>Title</b> (Pro./Dr.)	Dr.	
<b>Position</b> (President...)	Assistant Professor	<b>Country</b>	Malaysia	
<b>University/ Department</b>	Universiti Tunku Abdul Rahman/ Department of Electrical and Electronic Engineering			
<b>Personal Website</b>	<a href="http://www.utar.edu.my/cv/index.jsp?cv=puach&amp;reqPageId=aboutMe">http://www.utar.edu.my/cv/index.jsp?cv=puach&amp;reqPageId=aboutMe</a>			
<b>Research Area</b>	Photonics			

### Brief introduction of your research experience:

Dr. Pua graduated in Applied Physics from University of Malaya with a BSc in 2006, followed by a MSc in 2009 and PhD in 2012 in Photonics. His Master research involved the fabrication of optical waveguide for FTTh application and doctoral research in nonlinear optics field for acoustic sensing using fiber optic sensors. After graduation, he became a Research Fellow in University of Malaya to work on the development of new optical waveguide and as well as fiber sensors.

Following University of Malaya, in 2014 he joins Universiti Tunku Abdul Rahman (UTAR) as Assistant Professor and being appointed as the Chairperson of Centre for Photonics and Advanced Materials. His current focus in research is developing different types of optical sensors including fabricate tapering based Mach Zender interferometer for sensing applications, studying the nonlinear interaction of acousto-optic in fiber laser for different applications such as building structure health monitoring, pipeline leakage monitoring and localization, refrigerant leakage detection, and etc.

\*\*\*\*\*All the columns need to be filled in.