

LIST OF PUBLICATIONS AND PAPERS PRESENTED

Journals

1. W. Lim, **Y. K. Yap**, W. Chong, and H. Ahmad, "All-Optical Graphene Oxide Humidity Sensors," *Sensors*, vol. 14, pp. 24329-24337, 2014.
2. W. H. Lim, **Y. K. Yap**, W. Y. Chong, C. H. Pua, N. M. Huang, R. M. De La Rue, and H. Ahmad, "Graphene oxide-based waveguide polariser: From thin film to quasi-bulk," *Optics express*, vol. 22, pp. 11090-11098, 2014/05/05 2014.
3. H. Ahmad, A. Z. Zulkifli, **Y.Y. Kiat**, and S. W. Harun, "Q-switched fibre laser using 21cm Bismuth-erbium doped fibre and graphene oxide as saturable absorber," *Optics Communications*, vol. 310, pp. 53-57, 2014.
4. **Y.K. Yap**, N. Huang, S. Harun, and H. Ahmad, "Graphene oxide-based Q-switched erbium-doped fiber laser," *Chinese Physics Letters*, vol. 30, p. 024208, 2013.
5. **Y.K. Yap**, R. M. De La Rue, C. Pua, S. Harun, and H. Ahmad, "Graphene-based Q-switched pulsed fiber laser in a linear configuration," *Chinese Optics Letters*, vol. 10, p. 041405, 2012.

Conferences/Seminars

1. W.H. Lim, **Y.K. Yap**, W.Y. Chong, H. Ahmad, "Graphene Oxide Coated Optical Waveguide for Humidity Sensing", *Fourth International Conference on Multifunctional, Hybrid and Nanomaterials, Sitges, Spain (2015)*.
2. **Y.K. Yap**, S.W. Harun, H. Ahmad, "Graphene Oxide Based Pulsed Fibre Laser," *Physics Colloquium*, Department of Physics, Faculty of Science, University of Malaya, Kuala Lumpur, June 2013.
3. **Y.K. Yap**, S.W. Harun, H. Ahmad, "Graphitic Materials-based Pulsed Fiber Lasers", *PhD Candidature Defence, Department of Physics, Faculty of Science, University of Malaya, January 2013*.

4. **Y.K. Yap**, S.W. Harun, H. Ahmad, “Graphene-based Q-switched Fiber Lasers”, *Seminar, Department of Physics, Faculty of Science, University of Malaya, September 2012*.
5. R.M. De La Rue, H. Ahmad, S.W. Harun, W.Y. Chong, **Y.K. Yap**, C.H. Pua, M.Z. Zulkifli, N.M. Huang, S.A. Razgaleh, M. Sorel, and M. Strain, “Graphene nano-, Micro- and Macro-Photonics,” in: *14th International Conference on Transparent Optical Networks, Coventry, England (2012)*.
6. **Y.K. Yap**, H. Ahmad, T. Iwata, H. Hayashi, “Large Area Deposition of Graphene on Silicon Substrate,” in: *2nd Nanomaterials Seminar for Reducing Environmental Risk in Asia*”, *Nagoya Institute of Technology, Nagoya, Japan (2011)*.