CURRICULUM VITAE

A. Personal profile

Full name	Mohd Fauzi Bin Maulud
National IC	830711-10-5689
Birth date	11th July 1983
Citizenship	MALAYSIA
Place of birth	Sabak Bernam, Selangor
Gender	Male
Correspondence address	No 19, Jalan Kasban 4/KU8, Taman Meru MAkmur 2, 41050 Klang, Selangor
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B. Academic qualifications

Degree	Area	Institution	Year awarded
M.Sc (Research)	Laser/Instrumentation	Universiti Teknologi Malaysia	2008
B.Sc (Hons)	Industrial Physics	Universiti Teknologi Malaysia	2005
SPM	Science	SAMTSSAAS, Sabak Bernam, Selangor	2000

C. Work experience

Post	Organization	Year
Lecturer	Faculty of Applied Sciences. UiTM Shah Alam	2008-present
Researcher	TM R&D	2007-2008

D. Publication

Influence Of Germanate Anomaly on Elastic, Structural, and Optical Properties of Xna2o-(99-x)[80GeO_2 : 20PbO]-1Er_2 O_3 Lead-germanate Glasses
Ahmad Kamal Hayati Bin Yahya, **M. F. Maulud**,, International Journal Of Materials Research, Carl Hanser Verlag, pageno : 1136, vol : 107,issues : 12

Contrasting effects of Ca^{2+} and Ho^{3+} Substitutions on Superconductivity and Excess Conductivity of $(Ho_{1-x}Ca_x)(Ba_{2-y}Ho_y)Cu_3O_{7-d}$,
M. F. Maulud, Zety Sharizat Binti Hamidi, Mohd Isa Bin Mohd Yusof, Ahmad Kamal Hayati Bin Yahya,AIP Conference Proceedings **1250**, 504 (2010);

Design And Optimization of Distributed Bragg Reflector for 1310nm Vertical Cavity Surface Emitting Lasers
Manaf, N.A.A., Alias, M.S., Mithani, S.M., **Maulud, M.F**, Yahya, M.R., Mat, A.F.A.
IEEE International Conference on Semiconductor Electronics, Proceedings, ICSE IEEE, art. no. 4770318, pp. 254-258

Design And Optimization Of Distributed Bragg Reflector for 1310nm Vertical Cavity Surface Emitting Lasers
Manaf, N.A.A., Alias, M.S., Mithani, S.M., **Maulud, M.F**, Yahya, M.R., Mat, A.F.A.
IEEE International Conference on Semiconductor Electronics, Proceedings, ICSE IEEE, art. no. 4770318, pp. 254-258

Design Optimization of GaInNAs Quantum Wells for Long Wavelength VCSEL
Alias, M.S., Maulud, M.F., Sufian, M., Shaari, S., Manaf, N.A.A.
IEEE International Conference on Semiconductor Electronics, Proceedings, ICSE , art. no. 4770330, pp. 311 – 315

Optical properties of InGaAs/GaAs Multi Quantum Wells Structure Grown by Molecular Beam Epitaxy
Alias, M.S., **Maulud, M.F.**, Suomalainen, S., Yahya, M.R., Mat, A.F.A.
Sains Malaysiana 37 (3), pp. 245-248

Design and Fabrication of Power-Efficient VCSEL Based Optical Transceiver
Mitani, S.M., Alias, M.S., **Maulud, M.F**., Yahya, M.R., Mat, A.F.A.
2008 3rd International Conference on Information and Communication Technologies: From Theory to Applications, ICTTA , art. no. 453014

High Speed Vertical-Cavity Laser For Local Area Network Communication
Alias, M.S., Mitani, S.M., **Maulud, M.**F., Hasbi, H.A.

2007 Asia-Pacific Conference on Applied Electromagnetics Proceedings, APACE2007 , art. no. 4603897

E. Awards

1. Silver Medal

Project title : Intense red emission from Er^{3+}/vanadium co-doped borate glasses

Exhibition : International Engineering and Science Innovation Exhibition (I-ESIX2018)

2. Gold Medal

Project Title : Power Maximization of GaInNAs-GaAs Quantum Well Lase Diodes for Raman Amplifier Pumping

Exhibition : #rd National, Innovation & Design (NiiD UiTM Perak 2013)

G. Grant

Post	Title	Year
Member	Enhancement Of Upconversion Luminescence by Metallic Silver Nanoparticles Addition In $Er^{3+/}$Vanadium Co–Doped (59-x-y)B_2O_3–20Na_2O–20CaO–Yv_2O_5–1Er_2O_3–xAgClMixed Ionic-Electronic Glasse	2018
Member	Elastic Nature Of Germanate Anomaly And Optical Interaction Mechanism Studies Of Er^{3+} Doped Sodium Lead Germanate Glass	2015
Member	Dielectric And Elastic Studies In The Conductivity Anomaly of (60-X)B_2O_3 – 20Na_2O – 20CaO–xV_2O_5 Borate Glasses	2015