

SIMPOSIUM PENYELIDIKAN UNIMAS (URS) 2007



Anjuran

Pusat Pengurusan Penyelidikan & Inovasi
UNIVERSITI MALAYSIA SARAWAK

SIMPOSIUM PENYELIDIKAN UNIMAS (URS) 2007



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Pusat Pengurusan Penyelidikan & Inovasi
Universiti Malaysia Sarawak

**SIMPOSIUM PENYELIDIKAN UNIMAS
10-12 Disember 2007**

10 Disember 2007

**Majlis Perasmian
Tempat: CTF 1**

8.00 – 8.30 am	Ketibaan para tetamu jemputan
8.30 – 8.40 am	Bacaan doa
8.40 – 9.00 am	Ucapan Aluan oleh Profesor Madya Dr. Awangku Abdul Rahman Pgn. Hj. Yusof Pengarah Pusat Pengurusan Penyelidikan dan Inovasi
9.00 – 9.30 am	Ucapan Perasmian oleh Y.Bhg.Profesor Murtedza Mohamed Timbalan Naib Canselor (Penyelidikan & Inovasi)
9.30 – 10.00 am	Perasmian <i>Upgraded Research Gateway</i> dan <i>Directory of Researcher's Profile System (RPS)</i>
10.00 – 10.30 am	Minum Pagi

Pembentangan Kertas Kerja Geran IRPA Kategori EAR 2004
Tempat: Bilik Seminar 1, CTF 1

1. Sains dan Kejuruteraan

Pengerusi : Prof Dr Fatimah Abang

10.30 – 11.00 am Molecular Ecology and Evolution of Fruit Bats (Megachiroptera: Pteropodidae) - (09-02-09-1022 EA001)
Prof Madya Dr Mohd Tajuddin Abdullah

2. Sains Tulen dan Gunaan

11.00 – 11.30 am Anxiety and Depression in the Primary Health Care Clinics and the Role of Complementary and Alternative Medicine
- 1(81)/418/2003(155)
Dr Lee Ping Yein

11.30 – 12.00 pm Cardiovascular Risk Factors among the Malay Community in Urban and Rural Areas - 1(32)/309/2002(46)
Dr Haironi bt Yusoff

12.00 – 12.30 pm Systematic, Biogeography and Ecology of the Montane Herpetofauna of Malaysia - 1(59)/376/2003(113)
Prof Dr Indraneil Das

12.30 – 1.00 pm To Determine The Correlation Of Nasopharyngeal Swab Cytology And Forceps Biopsy In High Risk ENT Patients Of Nasopharyngeal Carcinoma - 1(108)/482/2004(219)
Prof Madya Dr Tiong Thung Sing

1.00 – 2.00 pm Rehat

Pengerusi : Prof Madya Dr. Mohd Tajuddin Abdullah

2.00 – 2.30 pm Studies on the Natural History and Systematic of the Herpetofauna of Peat Swamp Forest of Sarawak, East Malaysia
- 1(26)/303/2002(40)
Prof Dr Indraneil Das

2.30 – 3.00 pm To Evaluate the Factors of Late Presentation and Diagnosis of Nasopharyngeal Carcinoma in the Districts of Kuching and Serian, Sarawak - 1(31)/308/2002(45)
Prof Madya Dr Tiong Thung Sing

- 3.00 – 3.30 pm Identification of Signaling Partners for the Coxsackievirus and Adenovirus Receptor - 1(3)/265/2002(3)
Dr William Lim Kiong Seng
- 3.30 – 4.00 pm **Minum petang**
- 4.00 – 4.30 pm Retrospective Studies Of The Perceptions And Performances Of UNIMAS Medical Graduates Since 1995: An Evaluation Of The Efficacy Of The Medical Curriculum Adopted In The Faculty Of Medicine And Health Sciences, UNIMAS - 1(71)/402/2003(139)
Prof Madya Dr Tiong Thung Sing

3. Sains Tulen dan Gunaan
Tempat: Bilik Seminar 2, CTF 1

Pengerusi : Prof Madya Dr Mustafa Abdul Rahman

- 10.30 – 11.00 am Comprehensive Study on the Water Quality of Loagan Bunut, Marudi, Sarawak - 1(95)/442/2004(179)
Prof Lau Seng
- 11.00 – 11.30 am Clinico-Histopathological and Molecular Genetic Study of p53- Gene Family in Bladder Carcinoma - 1(120)/509/2005(8)
Prof Madya Dr Edmund Sim Ui Hang
- 11.30 – 12.00 pm Sarawak Pediatric Ward Nurses' Practice and Attitude Towards Quit Smoking Related Practice (QSRP) - 1(60)/377/2003(114)
Chan Kim Geok
- 12.00 – 12.30 pm Comparative Genetic Diversity Studies Among Natural Populations Of The Bacteria, Escherichia Coli, In Soils, Water Sources And Animal Hosts In Sarawak, Malaysia - 1(111)/485/2004(222)
Prof Madya Dr Kasing Apun
- 12.30 – 1.00 pm Status of Lung Functions In Population of Kuching Sarawak - 1(117)/501/2004(238)
Prof Madya Dr Rahardjo Darmanto Djodibroto
- 1.00 – 2.00 pm **Rehat**
- Pengerusi : Prof Madya Dr Kasing Apun**
- 2.00 – 2.30 pm A Study of Sexuality Among Secondary School Students in Kuching, Sarawak - 1(118)/504/2005(3)
Dr Kamarudin Kana

- 2.30 – 3.00 pm Molecular Characterisation of the Plasmodium Falciparum Pfert Gene Involved in Chloroquine Resistance - 1(128)/517/2005(16)
Prof Dr Janet Cox-Singh
- 3.00 – 3.30 pm Development of a Device to Reduce the Incidence of "Economy Class Syndrome" (Venous Thromboembolism) on Long Haul Flights - 1(139)/536/2005(35)
Prof Pan Kok Long
- 3.30 – 4.00 pm Minum Petang**
- 4.00 – 4.30 pm Diversity of Selected Fauna of the Limestone Habitats in Bau Districts Sarawak - 1(5)/267/2002(5)
Prof Madya Dr Mustafa Abdul Rahman
- 4.30 – 5.00 pm Essential Oil Profiles of Selected Species of Piper for Chemotaxonomic Purposes - 1(19)/295/2002(33)
Chheng Tiong Chin
- 5.00 – 5.30 pm Mitochondrial DNA Phylogeography Differentiation among Populations of White-Nest Swiftlets (*Aerodramus Fucipharus*) in Malaysia - 1(121)/510/2005(9)
Prof Madya Dr Mustafa Abdul Rahman

**4. Sains Tulen dan Gunaan
Tempat: Bilik Seminar 3, CTF 1**

Pengerusi : Prof Dr Jane Cardosa

- 10.30 – 11.00 am Diversity of Selected Fauna of Gunung Berumput, 1st Division, Sarawak - 1(7)/269/2002(7)
Prof Dr Andrew Alex Tuen
- 11.00 – 11.30 am Nutritional Ecology of Proboscis Monkey at Samunsam Wildlife Sanctuary - 1(11)/273/2002(11)
Prof Dr Andrew Alex Tuen
- 11.30 – 12.00 pm Stand Composition and Diameter Distribution of Loagan Bunut Peat Swamp Forests - 1(90)/437/2004(174)
Prof Madya Dr Cheksum Tawan
- 12.00 – 12.30 pm Kajian Sistemik dan Ekologi Spesies *Aquilaria Lamk* (Gaharu Engkaras) di Sarawak - 1(30)/307/2002(44)
Prof Madya Dr Cheksum Tawan
- 1.00 – 2.00 pm Rehat**

Pengerusi	: Prof. Dr Andrew Alex Tuen
2.00 – 2.45 pm	Introduction to IHCM Research Programme <i>Prof Dr Jane Cardoso</i>
2.45 – 3.15 pm	Hand, Foot and Mouth Disease Surveillance in Sarawak from 1998 to the Present <i>Ms Yuwana Podin</i>
3.15 – 3.45 pm	Improved Primers for the Specific Detection of Human EV71 by Rt PCR <i>Dr David Perera</i>
3.45 – 4.00 pm	Minum Petang
4.00 – 4.30 pm	Identification of Proteins Interacting with Domain III of JEV Envelope Protein using a Human cDNA Phage Display Library <i>Dr Magdeline Sia Henry Sum</i>
4.30 – 4.45 pm	Surveillance of CNS Infection in Sarawak <i>Ms Yuwana Podin</i>
4.45 – 5.00 pm	Multipathogen Microarrays for Outbreak Investigations <i>Dr David Perera</i>
5.00 – 5.15 pm	Molecular Characterization of Rotaviruses Associated with Outbreaks of Acute Gastroenteritis in Serian and Miri <i>Dr Magdeline Sia Henry Sum</i>
5.15 – 5.30 pm	Future Directions <i>Prof Jane Cardoso</i>

5. Teknologi dan Kejuruteraan
Tempat: Bilik Seminar 4, CTF 1

Pengerusi	: Prof Salim Said
10.30 – 11.00 am	Acoustic Properties of Malaysian Wood - 2(5)/280/2002(19) <i>Prof Madya Dr Sinin Hamdan</i>
11.00 – 11.30 am	Modeling of Reinforced Concrete Beams Strengthened with External Tendons at Ultimate Flexure Limit State -2(6)/281/2002(20) <i>Prof Madya Dr Ng Chee Khoon</i>
11.30 -- 12.00 pm	A Versatile System For Impact Tests Incorporating Acoustic - 2(50)/458/2004(195) <i>Prof Madya Dr Sinin Hamdan</i>

- 12.00 – 12.30 pm Analysis of Simply-Supported Reinforced Concrete Square Slabs with Openings - 2(70)/551/2005(50)
Prof Madya Dr Ng Chee Khoon
- 12.30 – 1.00 pm Decision Support System Knowledge World Modeling (by applying K-World Sarawak) - 2(58)/492/2004(229)
Stephanie Chua Hiu Li
- 1.00 – 2.00 pm Rehat**
- Pengerusi : Prof Madya Dr Ng Chee Khoon**
- 2.00 – 2.30 pm Quantitative Risks Analysis (Dam Break Analysis) & Emergency Respond Plan for the Proposed Gerugu Dam, Sarikei Division -2(13)/339/2002(76)
Prof Madya Ir. Dr Law Puong Ling
- 2.30 – 3.00 pm Measurement and Modeling of EM Radiation in the Immediate Vicinity of Cellular Microwave Sources-Human Health Related Study - 2(9)/284/2002(23)
Prof Madya Dr Awangku Abdul Rahman Pgn Hj Yusof
- 3.00 – 3.30 pm Minum Petang**
- 3.30 – 4.00 pm Environmental Health Risk Assessment (EHRA) on the Nearby Populations of the Coal-Fired Power Facilities Located in Sejingkat, Kuching - 2(12)/338/2002(75)
Prof Madya Ir. Dr Law Puong Ling
- 4.00 – 4.30 pm Quasi-static Model of Microelectromechanical Cantilever-2(49)/457/2004(194)
Prof Madya Dr Awangku Abdul Rahman Pgn Hj Yusof
- 4.30 – 5.00 pm Application of Empirical Orthogonal Functions (EOF) Method and L-Moments for Regional Classification of Stream flow Drought Series - 2(37)/392/2003(129)
Prof Salim Said

6. Sains Sosial dan Kemanusiaan
Tempat: Bilik Seminar 5, CTF 1

Pengerusi : Prof Dr Shazali Abu Mansor

- 10.30 – 11.00 am Changing Trends in Ethnic Identification and Sense of Belonging among the Kadayan Communities in Sarawak - 3(83)/568/2006(1)
Kelvin Egay John

- 11.00 – 11.30 am **An Exploratory Study on the Role of Subjective Ethnolinguistic Vitality in Choice of Language for Family Communication in Inter- and Intra Ethnic Marriages in Kuching**
- 3(38)/421/2004(158)
Dr. Ting Su Hie
- 11.30 – 12.00 pm **Sarawak Traditional Food Packaging: Art, Design, material, Function and Technology** - 3(90)/597/2006(30)
Mastika Hj Lamat
- 12.00 – 12.30 pm **Analyzing and Tracking Asynchronous Communication in Discussion Forums of Online Courses** - 3(27)/394/2003(131)
Prof Madya Dr Hong Kian Sam
- 12.30 – 1.00 pm **Loagan Bunut Inspirations: Works Given By Nature**
- 3(40)/447/2004(184)
Mastika Hj Lamat
- 1.00 – 2.00 pm Rehat**
- Pengerusi : Dr Ting Su Hie**
- 2.00 – 2.30 pm **Market Expansion and the Malay Communities of Western Sarawak** - 3(25)/378/2003(115)
Awg Mashabi Awg Mohomad
- 2.30 – 3.00 pm **Superiors' Bases of Power and Influencing Strategies: The Impact of Leader-Member-Exchange** - 3(29)/396/2003(133)
Lo May Chiun
- 3.00 – 3.30 pm **The Determinants of Capital Flight from ASEAN**
- 3(48)/473/2004(210)
Prof Dr Shazali Abu Mansor
- 3.30 – 4.00 pm Minum Petang**
- 4.00 - 4.30 pm **Empirical Evidence on the Long Run Neutrality Proposition in SEACEN Countries** - 3(33)/415/2003(152)
Puah Chin Hong @ Puah Chin Fang
- 7. Sains Sosial dan Kemanusiaan**
Tempat: Bilik Seminar 6, CTF 1
- Pengerusi : Prof Peter Songan**
- 10.30 – 11.00 am **Downward Influence Tactics: A Test of Congruence Hypothesis**
- 3(50)/476/2004(213)
Fathan Soetrisno

- 11.00 – 11.30 am **Winning Criteria: Tourism and Hospitality Firms' Managers Perspectives - 3(69)/540/2005(39)**
Dr. Ghazali Ahmad
- 11.30 – 12.00 pm **Dampak (Impak) Globalisasi Ekonomi Ke atas Liberalisasi Perdagangan di Asia Pasifik - 3(59)/503/2005(2)**
Fathan Soetrismo
- 12.00 – 12.30 pm **The Changing Political and Economical Environment Affecting the Entrepreneurial Spirit of The Paku Iban in Saribas, Sarawak - 3(17)/368/2002(105)**
Stanley Bye ak Kadam Kiai
- 12.30 – 1.00 pm **Assessment of Ecotourism Management and Services in National Parks of Sarawak - 3(5)/311/2002(48)**
Prof Madya Dr Spencer Empading
- 1.00 – 2.00 pm Rehat**
- Pengerusi : Prof Madya Dr Spencer Empading**
- 2.00 – 2.30 pm **Ethnic Minorities, Identities, and Access to Resources among the Sihan, Seping and Tagal Communities - 3(55)/481/2004(218)**
Jayl Langub
- 2.30 – 3.00 pm **Bridging the Digital Divide in Sarawak: A Baseline Socioeconomic Survey of Long Bedian Community - 3(26)/379/2003(116)**
Prof Peter Songan
- 3.00 – 3.30 pm **Wacana Pascakolonialisme dalam Konteks Kesusasteraan Malaysia Kajian Teoritikal dan Praktis - 3(8)/345/2002(82)**
Awg Azman Awg Pawi
- 3.30 – 4.00 pm Minum Petang**
- 4.00 – 4.30 pm **Document and Valuation of Wild Plants Used for Food and Traditional Medicine in the Tribal Communities in Lundu District, Sarawak - 3(18)/369/2002(106)**
Prof Madya Dr Gabriel Tonga Noweg
- 4.30 – 5.00 pm **Sosio-Economic Baeline Study of Logan Bunut Village Communities - 3(43)/450/2004(187)**
Mohamad Suhaidi Salleh

11 Disember 2007 – Hari Ke-2

Pembentangan Kertas Kerja Geran Fundamental
Tempat: Bilik Seminar 1, CTF 1

1. Sains Tulen dan Gunaan

Pengerusi : Prof Madya Dr Isa Ipor

- 8.30 – 9.00 am Evaluation of the Prevalence of Voiding Problems in an Elderly Iban Population in Sekau, Sibuan - A Pilot Study
- 1(61)/382/2003(119)
Dr Ong Teng Aik
- 9.00 – 9.30 am Influence of Sago Starch in the Properties Of Sago Waste Particleboard. - 1(43)/323/2002(60)
Wong Sin Yeng
- 9.30 – 10.00 am Identification, Characterization and Application of Novel B-Endoglucanase for Potential Application in Enzymatic Deinking of Mixed Office Waste Paper - 1(133)/530/2005(29)
Dr Awg. Ahmad Sallehin Awg Husaini
- 10.00 – 10.30 am Minum Pagi**
- 10.30 – 11.00 am Conversation of Bindang (*Agathis borneensis* Warb.) in Sarawak
- 1(44)/324/2002(61)
Dr Petrus Bulan
- 11.00 – 11.30 am Isolation, Cloning, Molecular Characterization and Expression of an A-Amylase Gene from *Bacillus Amyloliquefaciens* UMAS 1002 - 1(25)/302/2002(39)
Dr Awg. Ahmad Sallehin Awg Husaini
- 11.30 – 12.00 pm Plant Diversity of Riverine Forest and Ecology of *Cyperus Halpan* in Logan Bunut - 1(91)/438/2004(175)
Dr Petrus Bulan
- 12.00 – 12.30 pm Potensi *Cryptocoryne* sebagai Tumbuhan Akuarium Komersial: Diversity dan Ekologi Spesies *Cryptocoryne* Di Sarawak
-1(12)/274/2002(12)
Prof Madya Dr Isa Ipor
- 12.30 – 1.00 pm Prospek Penubuhan Taman Bunga di Dataran Tinggi Bario
- 1(16)/292/2002(30)
Prof Madya Dr Isa Ipor
- 1.00 – 2.00 pm Rehat**

- Pengerusi : Prof Madya Dr Cheksum Tawan**
- 2.00 – 2.30 pm Amorphophallus in Borneo (Sarawak, Sabah, & Kalimantan)
Diversity, Ecology and Conversation - 1(45)/325/2002(62)
Prof Madya Dr Isa Ipor
- 2.30 – 3.00 pm Nutrient and Oxygen Demand Removal by Ornamental Plants in
Constructed Wetlands - 1(87)/427/2004(164)
Dr Siti Rubiah Zainudin

2. Sains Tulen dan Gunaan
Tempat: Bilik Seminar 2, CTF 1

- Pengerusi : Prof Mohd Azib Salleh**
- 8.30 – 9.00 am Modeling and Quantification the Diversity of Moth Assemblages
in Two Natural Forest in Sarawak at Different Time Span After
Logging - 1(41)/321/2002(58)
Charlie Laman
- 9.00 – 9.30 am Detection of the Toxic Dinoflagellates, Pyrodinium Bahamense
Var. Compressum and Alexandrium Spp. (Dinophyceae) using
Polymerase Chain Reaction (PCR) - 1(6)/268/2002(6)
Dr Lim Po Teen
- 9.30 – 10.00 am Quantifying the Diversity of Insecta and A vifauna in Loagan
Bunut National Park - 1(93)/440/2004(177)
Charlie Laman
- 10.00 – 10.30 am Minum Pagi**
- 10.30 – 11.00 am Synthesis and Characterization of Thin-Film Solid Electrolyte
Materials for the Fabrication of Solid-State Electrochemical
Devices - 1(77)/408/2003(145)
Prof Madya Dr Pang Suh Cem
- 11.00 – 11.30 am The Ecology and Toxicity of Ikan Buntal, Arothon sp.
(Tetrodontidae) in Batang Saribas - 1(48)/328/2002(65)
Prof Madya Dr Othman Bojo
- 11.30 – 12.00 pm Synthesis and Characterization of Inorganic, Polymeric and
Composites Nanoparticles and Nanostructured Materials
- 1(17)/293/2002(31)
Prof Madya Dr Pang Suh Cem

- 12.00 – 12.30 pm Establishment of Suitable Laboratory Leaching Protocols for Assessment of Fixation of CCA Preservatives in Treated Malaysian Hardwoods - 1(136)/533/2005(32)
Prof Madya Andrew Wong Han Hoy
- 12.30 – 1.00 pm Development of Novel Starch-Based Nonoparticles from Local Native Starches - 1(34)/314/2002(51)
Prof Madya Dr Pang Suh Cem
- 1.00 – 2.00 pm Rehat**
- Pengerusi : Prof Madya Dr Pang Suh Cem**
- 2.00 – 2.30 pm Studies on the Starch Biosynthesis Pathway of Sago: Characterization of the Gene Coding For Starch Branching (SBE) Enzyme - 1(113)/487/2004(224)
Prof Mohd Azib Salleh
- 2.30 – 3.00 pm Biotransformation of Heavy Metal Compounds and Toxic Organic Chemicals in Soil Polluted With Leach ate from Landfill Waste Disposal Sites - 1(114)/488/2004(225)
Prof Mohd Azib Salleh

3. Sains Tulen dan Gunaan
Tempat: Bilik Seminar 3, CTF 1

- Pengerusi : Dr Chang Chin Thon**
- 8.30 – 9.00 am Biodegradation of Crude Oils by Microorganisms Isolated from Mangrove Environments - 1(47)/327/2002(64)
Prof Madya Dr Zaini Assim
- 9.00 – 9.30 am Myrtaceae in Borneo. *Leptospermum Flavescens* and *Eugenia Palembangica* - 1(85)/425/2004(162)
Kamarul' Ain Mustafa
- 9.30 – 10.00 am The Origins of Organic Matters and Degree of Maturation for Coals From Sarawak Based on Organic Geochemistry Characteristics - 1(110)/484/2004(221)
Prof Madya Dr Zaini Assim
- 10.00 – 10.30 am Minum Pagi**
- 10.30 – 11.00 am Systematic and Biogeography of Butterflies (Lepidoptera: Rhopalocera) from Southwestern Borneo - 1(22)/299/2002(36)
Prof Fatimah Abang

- 11.00 – 11.30 am Development of Methods to Enhance Lactic Acid Stability
-1(66)/387/2003(124)
Dayang Salwani Awang Adeni
- 11.30 – 12.00 pm Genetic Diversity and Identification of Molecular Markers in the
Endangered Tor Fish (Cyprinidae) In Sarawak
- (80)/411/2003(148)
Yuzine Esa
- 12.00 – 12.30 pm Production of Natural Rubber Serum Powder (NRSP) as an
Alternative to Yeast Extract For Large-Scale Lactic Acid
Production - 1(65)/386/2003(123)
Dayang Salwani Awang Adeni
- 12.30 – 1.00 pm Systematic and Diversity of Butterflies (Lepidoptera: Rhopalocera)
on the Islands of Southwestern and Northern Borneo
- 1(126)/515/2005(14)
Prof Fatimah Abang
- 1.00 – 2.00 pm Rehat**
- Pengerusi : Prof Dr Fatimah Abang**
- 2.00 – 2.30 pm Factors Leading to Deficiencies in Case Finding of Tuberculosis
- 1(37)/317/2002(54)
Chang Chin Thon
- 2.30 – 3.00 pm Investigation of Coronary Heart Disease Risk Factors amongst
Adults in Kuching and Samarahan Division
- 1(106)/471/2004(208)
Rosalia Saimon

4. Teknologi dan Kejuruteraan
Tempat: Bilik Seminar 4, CTF 1

Pengerusi : Dr Wong Chee Weng

- 8.30 – 9.00 am Performance of Agricultural Sprayers and Spray Characteristics
- 2(38)/393/2003(130)
Prof Madya Dr Andrew R.H Rigit
- 9.00 – 9.30 am Detection and Analysis of Interface Pattern Using Interferometry
Technique-Determining the Stress of A Material under Load
- 2(48)/456/2004(193)
Dr Mohammad Shahril Osman

- 9.30 – 10.00 am Optimization of Heat Transfer in Large Scale Drying Equipment for Energy Efficiency Improvement - 2(55)/465/2004(202)
Prof Madya Dr Andrew R.H Rigit
- 10.00 – 10.30 am Minum Pagi**
- 10.30 – 11.00 am Characterization of Fly for Ash for Its Disposal and Utilization With Respect To Environmental Protection and Potential as Soft Soil Stabilizer - 2(51)/459/2004(196)
Dr Prabir Kumar Kolay
- 11.00 – 11.30 am Costumer-Centered Design (CCD) Approach for Improving E-Commerce Website Usability - 2(26)/357/2002(94)
Syahrul Nizam Junaini
- 11.30 – 12.00 pm An Evaluation of Thermal Comfort in Modern Affordable Housing in Sarawak - 2(69)/527/2005(26)
Dr Siti Halipah Ibrahim
- 12.00 – 12.30 pm Pepper Tumber Solar Dryer - 2(4)/279/2002(18)
Abdul Rahim Md Amin
- 12.30 – 1.00 pm Multipurpose Campus Smart Card System - 2(27)/358/2002(95)
Martin Anyi
- 1.00 – 2.00 pm Rehat**
- Pengerusi : Prof Madya Dr Andrew R.H Rigit**
- 2.00 – 2.30 pm Design of UART using VHDL - 2(35)/390/2003(127)
Norhuzaimin Julai
- 2.30 – 3.00 pm Development of an Integrated Framework for MultiCriteria and Multi Objective Decision Making - 2(22)/353/2002(90)
Dr Wong Chee Weng

5. Sains Sosial dan Kemanusiaan
Tempat: Bilik Seminar 5, CTF 1

- Pengerusi : Prof Madya Dr Awangku Abdul Rahman Pgn Hj. Yusof**
- 8.30 – 9.00 am Utilizing Sago (*Metroxylon* spp) Bark Waste for Value-Added Products - 3(57)/499/2004(236)
Prof Madya Dr Hj. Khairul Aidil Azlin Abdul Rahman
- 9.00 – 9.30 am The Potential of Lemba Leaf As a New Material for Textile Fabrics - 3(58)/500/2004(237)
Dr Nazlina Shaari

- 9.30 – 10.00 am Unmanned Underwater Search Craft (UUSC) - 3(70)/543/2005(42)
Mastika Hj. Lamat
- 10.00 – 10.30 am Minum Pagi**
- 10.30 – 11.00 am The Meta-Analytic Study On The Relationship Between
Metacognition And Reading Comprehension
- 3(49)/475/2004(212)
Prof Madya Dr Norsiah Fauzan
- 11.00 – 11.30 am Negotiating Ethnic Boundaries and Resource use Patterns in
Loagan Bunut, Tinjar - 3(39)/446/2004(183)
Prof Dimbab Ngidang
- 11.30 – 12.00 pm Breaking New Ground: From Bejalai to Reconstruction of Bilik
Families in Iban Community - 3(73)/547/2005(46)
Prof Dimbab Ngidang

12 Disember 2007 – Hari Ke-3

Pembentangan Kertas Kerja Geran Fundamental
Tempat: Bilik Seminar 1, CTF 1

1. Sains Tulen dan Gunaan

Pengerusi : Prof Madya Dr. Isa Ipor

- 8.30 – 9.00 am Assessment of Polymorphisms within T-Cell Epitopes of the Exported Protein-1 (EXP-1) of Plasmodium Falciparum Isolates from Various Countries - 1(1)/263/2002(1)
Prof Balbir Singh
- 9.00 – 9.30 am The Potential of Mass Production of Razor Clam (*Solen spp.*) Juveniles in Sarawak - 1(122)/511/2005(10)
Dr. Siti Akmar Khadijah Ab. Rahim
- 9.30 – 10.00 am Establishment of Forest Seed Production Areas of *Shorea parvifolia* Dyer ssp. *parvifolia* by DNA Marker-assisted Selection from Natural Populations in Tropical Forest - 1(134)/531/2005(30)
Dr Ho Wei Seng
- 10.00 – 10.30 am Minum Pagi**
- 10.30 – 11.00 am Analysis of Chromosome Breaks in Leukemia Induced by Apoptosis - 1(4)/266/2002(4)
Dr Sim Sai Peng
- 11.00 – 11.30 am Development of Polymerase Chain Reaction Promers for the Malaria Parasites of Macaque Monkeys - 1(129)/518/2005(17)
Prof Balbir Singh
- 11.30 – 12.00 pm Assessment of Genetic Erosion of *Shorea curtisii* Dyer ex King in Tropical Forest Using DAMD Markers - 1(51)/331/2002(68)
Dr Ho Wei Seng
- 12.00 – 12.30 pm Genetic Assessment of Pepper Germplasm Using DNA Markers for Improvement and Variety Identification - 1(79)/410/2003(147)
Dr Ho Wei Seng
- 12.30 – 1.00 pm Ambal (*Solen spp.*) of Sarawak: Diversity and Phylogeography Using Molecular and Morphological Approaches - 1(135)/532/2005(31)
Dr Ruhana Hassan
- 1.00 – 2.00 pm Rehat**

Pengerusi : Dr Ho Wei Seng

- 2.00 – 2.30 pm cDNA Library Creation Representing Active Genes that are Present in the Fruit of *Morinda Citrifolia* (Noni)
- 1(130)/520/2005(19)
Dr Hairul Azman Roslan / Student
- 2.30 – 3.00 pm Toxin Production in Ikan Buntal, *Arothron* sp. (Tetraodontidae)
-1(57)/348/2002(85)
Samsur Mohammad
- 3.00 – 3.30 pm Molecular Characterisation of Genes Involved in the Flowering Process of Sago Palm - 1(145)/574/2006(7)
Dr Hairul Azman Roslan / Student

2. Teknologi dan Kejuruteraan
Tempat: Bilik Seminar 2, CTF 1

Pengerusi : Prof Dr Khairuddin Ab. Hamid

- 8.30 – 9.00 am Applying Knowledge Management in an Academic Context: A Case Study at the Faculty of IT - 2(19)/350/2002(87)
Prof Madya Dr Alvin Yeo Wee
- 9.00 – 9.30 am Low Computational Complexity PAPR Reduction Scheme for OFDM Based Broadband Systems - 2(64)/502/2005(1)
Prof Madya Dr Tan Chong Eng
- 9.30 – 10.00 am Modeling System Behaviour Using Parsing Technique
- 2(66)/524/2005(23)
Wee Bui Lin
- 10.00 – 10.30 am Minum Pagi**
- 10.30 – 11.00 am Preserving Cultures by Mobilising Minority Languages (of Sarawak) Online: Building the Conceptual Framework
-2(72)/552/2005(51)
Prof Madya Dr Alvin Yeo Wee
- 11.00 – 11.30 am Theory and Computation of Thread-Annular Flow
- 2(25)/356/2002(93)
Dr Jane Labadin
- 11.30 – 12.00 pm eBedian: Application of ICT in Tourism to Improve Livelihood of Rural Community - 2(32)/381/2003(118)
Prof Madya Dr Alvin Yeo Wee

- 12.00 – 12.30 pm Adaptive Throughput Scheme for Cooperative Broadband Wireless Networks - 2(56)/472/2004(209)
Prof Madya Dr Tan Chong Eng
- 12.30 – 1.00 pm The Use of Fuzzy Clustering Approach for Chemical Compound Selection - 2(65)/523/2005(22)
Sharin Hazlin Hupsi
- 1.00 – 2.00 pm Rehat**
- Pengerusi : Prof Madya Dr Alvin Yeo Wee**
- 2.00 – 2.30 pm Development of A New Coding Technique for Video Conferencing Over Wireless Local Area - 2(20)/351/2002(88)
Prof Dr Khairuddin Ab. Hamid
- 2.30 – 3.00 pm The Energy Usage of Malaysian Office Buildings - 2(18)/344/2002(81)
Dr Azhaili Baharun
- 3.00 – 3.30 pm Voice Communications over Wireless Local Area Network for Rural Communities - 2(21)/352/2002(89)
Prof Dr Khairuddin Ab. Hamid
- 3.30 – 4.00 pm Minum Petang**
- 4.00 – 4.30 pm Virtual Mulu-Top Down Project - 2(30)/361/2002(98)
Prof Dr Khairuddin Ab. Hamid

PENGHARGAAN

Penaung: Profesör Datuk Dr. Abdul Rashid Abdullah
Naib Canselor

Penasihat: Prof. Dr. Murtedza Mohamed
Timbalan Naib Canselor
(Penyelidikan dan Inovasi)

Jawatankuasa Penganjur

Pengerusi: Prof. Madya Dr. Awangku Abdul Rahman
b. Pengiran Hj. Yusof

Ahli-Ahli: Encik Zulkarnain Kipli
Puan Kartika Barmawi
Cik Rosaidawati Abdul Said
Cik Norinda Krang Su'ut
Cik Hajjah Fatimah Hj. Tenain
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Encik Erwandi Bujang Semawi
Encik Zikri Saraee
Encik Zainalabideen Nawi
Puan Flora Intai
Encik Peter Jinap
Encik Abdul Halim Yun Abdullah
Encik Bujang Achis

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