

# PROGRAMME SCHEDULE OF BDS2

**Big Data Summit 2 2018**  
(3-6 October 2018)

Day 1 – 3 <sup>rd</sup> October 2018, Wednesday		Venue												
TIME	PROGRAM													
0830-0900	Registration	Lobby Auditorium Murad Muhammad Noor												
0900-0915	Welcoming & Introduction to Big Data Summit 2 <ul style="list-style-type: none"> <li>• Dr. Nurul Hashimah Ahamed Hassain Malim <i>Chair, Big Data Summit 2</i></li> <li>• Dr. Gan Keng Hoon <i>Co-Chair, Big Data Summit 2</i></li> </ul>	Auditorium Murad Muhammad Noor												
0915-0930	Introduction to PRAGMA Shava Smallen <i>Interim Co-Chair, PRAGMA</i>	Auditorium Murad Muhammad Noor												
0930-1010	<b>KEYNOTE 1:</b> DEMOCRATIZING AI Dr. Dzaharudin Mansor Microsoft Malaysia	Auditorium Murad Muhammad Noor												
1010-1030	COFFEE BREAK (Sponsored by HILTI)	Lobby Ground Floor												
1030-1110	<b>KEYNOTE 2: (PRAGMA)</b> IMMERSIVE VISUALIZATION AND ANALYTICS FOR UNDERSTANDING LARGE-SCALE DATASETS Dr. Jason Haga National Institute of Advanced Industrial Science and Technology (AIST), Japan	Auditorium Murad Muhammad Noor												
1110-1310	<b>Project Speaker Slots</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">1110 – 1130</td> <td>[BS01] Reliability Assessment Framework using Test-Defect Coverage Analytics Model <i>Dr. Sharifah Mashita Syed Mohamad, Universiti Sains Malaysia</i></td> </tr> <tr> <td>1130 – 1150</td> <td>[BS02] Type-2 Fuzzy Systems and the Variations in the Uncertain Environments <i>Dr. Nur Syibrah Mohd Naim, Universiti Sains Malaysia</i></td> </tr> <tr> <td>1150 – 1210</td> <td>[BS03] Data Mining System to Detect Finger Motion in Offline Handwriting Forgery <i>Dr. Lob Wei Ping, Universiti Sains Malaysia</i></td> </tr> <tr> <td>1210 – 1230</td> <td>[BS04] Strategic Cyber Threat Intelligence Using External Unstructured Data <i>Mr. Kew Yoke Ling, KewMann</i></td> </tr> <tr> <td>1230 – 1250</td> <td>[BS05] Fiber Tractography using Grid Computing <i>Dr. Anusha Achuthan, Universiti Sains Malaysia</i></td> </tr> <tr> <td>1250 – 1310</td> <td>[BS06] Can I Trust You? Towards Modelling Trust at Zero Acquaintance <i>Dr. Syabeerah Lebai Lutfi, Universiti Sains Malaysia</i></td> </tr> </table>	1110 – 1130	[BS01] Reliability Assessment Framework using Test-Defect Coverage Analytics Model <i>Dr. Sharifah Mashita Syed Mohamad, Universiti Sains Malaysia</i>	1130 – 1150	[BS02] Type-2 Fuzzy Systems and the Variations in the Uncertain Environments <i>Dr. Nur Syibrah Mohd Naim, Universiti Sains Malaysia</i>	1150 – 1210	[BS03] Data Mining System to Detect Finger Motion in Offline Handwriting Forgery <i>Dr. Lob Wei Ping, Universiti Sains Malaysia</i>	1210 – 1230	[BS04] Strategic Cyber Threat Intelligence Using External Unstructured Data <i>Mr. Kew Yoke Ling, KewMann</i>	1230 – 1250	[BS05] Fiber Tractography using Grid Computing <i>Dr. Anusha Achuthan, Universiti Sains Malaysia</i>	1250 – 1310	[BS06] Can I Trust You? Towards Modelling Trust at Zero Acquaintance <i>Dr. Syabeerah Lebai Lutfi, Universiti Sains Malaysia</i>	Auditorium Murad Muhammad Noor
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1310 -1410	BUSINESS LUNCH (Sponsored by VITROX)	Lobby Ground Floor				
1410-1450	<b>KEYNOTE 3:</b> BIG DATA AND ARTIFICIAL INTELLIGENCE MEET BIOLOGY Prof Rosni Abdullah National Advance IPv6 Centre, Universiti Sains Malaysia	Auditorium Murad Muhammad Noor				
1450-1530	<b>KEYNOTE 4:</b> (PRAGMA) HPC IN APPLICATIONS OF BIG DATA AND IOT Dr. Fang-Pang Lin National Center for High-Performance Computing, NARLabs, Taiwan	Auditorium Murad Muhammad Noor				
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1610-1630	COFFEE BREAK (Sponsored by HILTT) + POSTER SESSION NETWORKING	Lobby Auditorium Murad Muhammad Noor				
1630 -1805	Poster Session (Please refer to BDS2 poster listing)	Lobby Auditorium Murad Muhammad Noor				
1830 -2030	PRAGMA Welcoming Reception (PRAGMA members + BDS2 Committee only)	Clubhouse				

Day 2 – 4 <sup>th</sup> October 2018, Thursday		Venue
TIME	PROGRAM	
0830-0900	Registration Arrival of the Vice Chancellor, USM	Lobby Auditorium Murad Muhammad Noor
0905-1015	<b>Opening Ceremony</b>  National & USM Anthem Prayer Recitation  Welcoming Speech by Prof. Ahamad Tajudin Khader, Main Patron BDS2 & Dean, School of Computer Sciences  Speech by Dr. Peter Arzberger, Founder, The Pacific Rim Application and Grid Middleware Assembly (PRAGMA)  Opening Speech by Prof. Datuk Dr. Asma Ismail Vice Chancellor, Universiti Sains Malaysia  Video Presentation Group Photo	Auditorium Murad Muhammad Noor

1015-1035	COFFEE BREAK (Sponsored by Fusionex)	Lobby Ground Floor
1035-1100	PRAGMA Welcoming Statement Shava Smallen	Auditorium Murad Muhammad Noor
1100-1130	<b>INVITED TALK 1:</b> (PRAGMA) ABCI: AN OPEN INNOVATION PLATFORM FOR ADVANCING AI RESEARCH AND DEPLOYMENT Dr. Ryousei Takano National Institute of Advanced Industrial Science and Technology (AIST) Japan	Auditorium Murad Muhammad Noor
1130-1200	<b>INVITED TALK 2:</b> (PRAGMA) ON LAKES AND CLOUDS: A RETROSPECTIVE ON THE PRAGMA/GLEON LAKE EXPEDITION Prof. Dr. Renato J. Figueiredo University of Florida	Auditorium Murad Muhammad Noor
1200-1300	PRAGMA Working groups and Expedition updates	Auditorium Murad Muhammad Noor
1300-1400	BUSINESS LUNCH (Sponsored by Silverlake)	Lobby Ground Floor
1400-1500	PRAGMA Working Groups (WG) Breakouts 1: Resources WG + Cyberlearning WG Telescience WG Data/Geo/Bioscience WG	Auditorium B Main Board Room Seminar Room 3
1500-1530	PRAGMA Lightning Talks Chair: Wassapon Watanakesuntorn	Auditorium Murad Muhammad Noor
1530-1600	COFFEE BREAK (Sponsored by Fusionex) POSTER SESSION NETWORKING	Lobby Auditorium Murad Muhammad Noor
1600-1630	PRAGMA Poster Session (Please refer to PRAGMA 35 poster listing)	Lobby Auditorium Murad Muhammad Noor
1630-1730	PRAGMA Demo Session 1 Session Chair: Assoc Prof. Dr. Kohei Ichikawa	Auditorium Murad Muhammad Noor
	1630 – 1645	[PD01] Integrating PRAGMA-ENT and Inter-Cloud Platform using Dynamic L2VLAN Service <i>Kobei Ichikawa, Atsuko Takefusa, Yoshiyuki Kido, Yasuhiro Watababa and Susumu Date</i>
	1645 – 1700	[PD02] Extending SDN Networks from Cloud-to-Edge using Virtual Private Networks with Peer-to-Peer Overlay Links <i>Kensworth Subratie and Renato Figueiredo</i>
	1700 – 1715	[PD03] Analysis of Load Balancing Performance on Cluster Computing with PROXMOX VE <i>Andi R. Darsono</i>
	1715 – 1730	[PD04] Performance Comparison of Load Balancing using Honeybee and Threshold Algorithm <i>Aditya Efrian, Sri Chusri Haryanti, Sri Puji Utami and Ridho Yanevan Pratama</i>

1750-2245	<p><b>CONFERENCE DINNER</b> Butterworth 4 &amp; 5, Holiday Inn, Batu Feringghi</p> <p>1750 Departure from SAINS@USM 1900 Bus Arrival at Holiday Inn, Batu Feringghi Participant can walk around or prepare for prayers 1945 Participants take place in ballroom 2000 VIP Arrival 2010 National &amp; USM Anthems 2015 Appreciation Speech by Chair of Big Data Summit 2 Dr. Nurul Hashimah Ahamed Hassain Malim 2025 Speech by Vice Chancellor Universiti Sains Malaysia Prof. Datuk Dr. Asma Ismail 2035 Dinner &amp; Performances 2135 PRAGMA Appreciation Session Shava Smallen &amp; Dr. Peter Arzberger 2200 Adjourn – Night market walk 2245 Buses departure to Equatorial Hotel &amp; sains@usm</p>	Holiday Inn, Batu Feringghi
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Day 3 – 5 <sup>th</sup> October 2018, Friday		Venue								
TIME	PROGRAM									
0900-0930	<p><b>INVITED TALK 3: (PRAGMA) TOWARD THE GLOBAL RESEARCH PLATFORM</b> Nadya Williams San Diego Supercomputer Center University of California San Diego</p>	Auditorium Murad Muhammad Noor								
0930-1000	<p><b>INVITED TALK 4: ENABLING GLOBAL HPC COLLABORATION THROUGH MYREN AND NSRC</b> Kamal Hisham Kamaruddin MYREN Network Sdn. Bhd.</p>	Auditorium Murad Muhammad Noor								
1000-1020	<p>PRAGMA Wide Mentoring Update Chair: Dr. Jason Haga</p>	Auditorium Murad Muhammad Noor								
1020-1040	COFFEE BREAK (Sponsored by Novorient) + NETWORKING	Lobby Ground Floor								
1040-1210	<p>PRAGMA Demo Session 2 Session Chair: Dr. Yoshiyuki Kido</p> <table border="1"> <tr> <td>1040 – 1055</td> <td>[PD05] EDISON Data Platform for Computational Science Data <i>Jaesung Kim, Jeongcheol Lee, Sunil Abn and Jongsuk Lee</i></td> </tr> <tr> <td>1055 – 1110</td> <td>[PD06] Web-based Compute-Data Research Environment for Aircraft Airfoil Aerodynamics <i>James Junghun Shin, Kumwon Cho and Jonsuk Ruth Lee</i></td> </tr> <tr> <td>1110 – 1125</td> <td>[PD07] Mobile-based Augmented Reality for Sundanese Alphabets Education <i>Muhammad Reza Aditya, Reskytha Sari, Adri Nursimarsijan and Nova Eka Diana</i></td> </tr> <tr> <td>1125 – 1140</td> <td>[PD08] Tuberculosis (TB) Disease Interactive Map in Jakarta Capital Special Region <i>Nuraisah and Umami Azizah Rachmawati</i></td> </tr> </table>	1040 – 1055	[PD05] EDISON Data Platform for Computational Science Data <i>Jaesung Kim, Jeongcheol Lee, Sunil Abn and Jongsuk Lee</i>	1055 – 1110	[PD06] Web-based Compute-Data Research Environment for Aircraft Airfoil Aerodynamics <i>James Junghun Shin, Kumwon Cho and Jonsuk Ruth Lee</i>	1110 – 1125	[PD07] Mobile-based Augmented Reality for Sundanese Alphabets Education <i>Muhammad Reza Aditya, Reskytha Sari, Adri Nursimarsijan and Nova Eka Diana</i>	1125 – 1140	[PD08] Tuberculosis (TB) Disease Interactive Map in Jakarta Capital Special Region <i>Nuraisah and Umami Azizah Rachmawati</i>	Auditorium Murad Muhammad Noor
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	1140 – 1155	[PD09] Neuro Data Platform for Neuroscientist <i>Nurul Hashimah Ahamed Hassain Malim, Jafri Malin Abdullah, Sharifah Aida Sheikh Ibrahim, Nurfaten Hamzah, Ariffin Marzuki Mokehtar, Putra Sumari, Abamad Tajudin Khader and Muhammad Jaziem Mohamad Javeed</i>	
	1155 – 1210	[PD10] Deep Learning Classification for Liver Disease <i>Andi Batari Ahmad and Nova Eka Diana</i>	
1210-1445	LUNCH and PRAGMA Steering Committee Meeting		Auditorium B Lobby Ground Floor
1445-1630	PRAGMA Working Groups (WG) Breakouts 2: Resources WG + Cyberlearning WG Telescience WG Data/Geo/Bioscience WG		Auditorium B Main Board Room Seminar Room 3
1630-1645	COFFEE BREAK (Sponsored by Novorient) + NETWORKING		Lobby Ground Floor
1645-1730	<b>CLOSING CEREMONY</b> <ul style="list-style-type: none"> <li>• PRAGMA Best Poster Award &amp; Student Presentation</li> <li>• PRAGMA Working groups wrap-up</li> <li>• PRAGMA 35 Wrap up by Shava</li> <li>• Video presentation</li> <li>• Invitation to PRAGMA 36 in Korea</li> <li>• Big Data Summit 2 Poster Award</li> <li>• Big Data Summit 2 wrap up by Prof. Dr. Rosni Abdullah, Director, National Advanced IPv6 Centre, USM</li> </ul>		Auditorium Murad Muhammad Noor Auditorium Murad Muhammad Noor
1800-2030	PRAGMA Dinner (PRAGMA members & BDS2 committees only) 1800: Bus Departure to Bangkok Tomyam 1845: Dinner 2030: Bus Departure to Equatorial Hotel		Bangkok Tomyam Sunway Tunas

### Day 4 – 6<sup>th</sup> October 2018, Saturday

TIME	PROGRAM
0830-1700	Excursion – (PRAGMA member only) Pick-up point: Equatorial Hotel  0830 Participants gather at Equatorial Hotel 0845 Bus Departure from Equatorial Hotel to Penang Hill 0915 Arrival at Penang Hill 1200 Departure from Penang Hill to Esplanade 1245 Arrival at Esplanade (Lunch) 1400 Departure to Penang Heritage Trail 1600 Departure from Penang Heritage Trail to Equatorial Hotel & airport