



**SCHOOL OF COMPUTER SCIENCES**  
**Computer Science Masters Innovation and Demo (CSMInD)**  
 29<sup>th</sup> June 2020 (Monday)  
 Online Session via Webex

| Time  | Program   | Webex Link   |
|---|---|--|
| 9.00 am   | 5 PARALLEL Presentation Session<br>CDS590 Consultancy Project & Practicum<br>(Total 34 candidates)  | #1 Dr. Nasuha: <a href="https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m2c17728cdc19500cb68f7bb74350e022">https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m2c17728cdc19500cb68f7bb74350e022</a>   |
|   |   | #2 Ts. Dr. Chew: <a href="https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m03780d778a6bc8897c9fe5dff2845536">https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m03780d778a6bc8897c9fe5dff2845536</a> |
|   |   | #3 Dr. Pantea: <a href="https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m0ce61fd77499c0e8b846a1eb0c1995ab">https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m0ce61fd77499c0e8b846a1eb0c1995ab</a>   |
|   |   | #4 Dr. Adib: <a href="https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m51ded1e9391a10ab079e77990d13e306">https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m51ded1e9391a10ab079e77990d13e306</a>     |
|   |   | #5 Dr. Suzi: <a href="https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m4c375566261a100844144893c4df0665">https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m4c375566261a100844144893c4df0665</a>     |
| 12 noon   | Industry Talk by Dr. Andal Jayalakshmi, Senior Technologist (Director) at Western Digital<br><br><i>Industry perspective...Data Scientist: What's in a name?</i><br><br>Webex link: <a href="https://bit.ly/csmind1">https://bit.ly/csmind1</a> |  |
| 12.30pm   | End & Closing by the Dean, Prof. Dr. Bahari Belaton   |  |
| <p>Organizing team: Nasuha Lee Abdullah, Chew XinYing, Mohd Adib Haji Omar, Pantea Keikhosrokiani, Suzi Iryanti Fadilah, Badriyah Che May.<br/>         Student helper: Abrar, Rizwan, Bello, Muhamad Kiru, Auwal</p> |   |  |



## Parallel Presentation Session (CDS 590) #1 Dr. Nasuha

Webex Link: <https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m2c17728cdc19500cb68f7bb74350e022>

| No.         | Time   | Name                  | Project Title   | Supervisor | Examiner    |
|-------------|--|-----------------------|---|------------|-------------|
| 1           | 0900 - 0920  | CLEMENT LEE KWAN TSEN | Email Classification Using Machine Learning Algorithms  | MS         | NFI         |
| 2           | 0925 - 0945  | OOI MONG HUEY         | Forecasting CPO Prices Using Machine Learning Techniques  | CHY        | TJS         |
| 3           | 0950 - 1010  | HEAH WEI HUEY         | Predictive Supply Chain Operational Management and Analytics  | CHY        | NLA         |
| 4           | 1015 - 1035  | TAN LI MEI            | Big Data Platform for Visualization   | CHY        | NLA         |
| 5           | 1040 - 1100  | NOR AZZAWANI BT AZMAN | Comparative Study on Molecular Docking Tools based on Machine Learning Approach on Current Method Used    | NHAHM      | HYH-Hazrina |
| 6           | 1105 - 1125  | SUNITHA A/P MATHAVAN  | Study on Anomaly Detection on Latent Heat Fluxes by Interaction with Water Atmosphere and Land Atmosphere | NHAHM      | NAA         |
| 7           | 1130 - 1150  | SOON GUAN LIP         | Automatic Language Reconfiguration Detection Interface  | Hana       | MHH         |
| 1200- 1230  | Industry Talk by Dr. Andal Jayalakshmi, Senior Technologist (Director) at Western Digital<br><i>Industry perspective...Data Scientist: What's in a name?</i> |                       |   |            |             |
| 1230 - 1245 | End & Closing by the Dean, Prof. Dr. Bahari Belaton  |                       |   |            |             |



Parallel Presentation Session (CDS 590) #2 Ts. Dr. Chew

Webex Link: <https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m03780d778a6bc8897c9fe5dff2845536>

| No. | Time        | Name                        | Project Title  | Supervisor | Examiner        |
|-----|-------------|-----------------------------|--|------------|-----------------|
| 1   | 0900 - 0920 | LAWAL BASHIR<br>ABUBAKAR    | Mapping the Prevalence of Thalassemia in Sabah, Malaysia by Machine Learning                                 | MKMS       | HYH-<br>Hazrina |
| 2   | 0925 - 0945 | AMY NATASHA BINTI<br>ATAHAR | Out of Tolerance Anomaly Detection Analysis Using Machine Learning Approach                                  | MKMS       | YFT             |
| 3   | 0950 - 1010 | LIM YU QING                 | Time Series Analysis on S parameter Performance of RF Devices  | NFI        | YFT             |
| 4   | 1015 - 1035 | EUGENE CHIN                 | Matching Circuit Classification  | MNAW       | MS              |
| 5   | 1040 - 1100 | ELVIS YOON YU JING          | Text Mining with Topic Modelling on Employee Ticket Analysis   | JLSY       | NFI             |
| 6   | 1105 - 1125 | AZIZUL BIN ABDULLAH         | HammyBot: An automated conversation solution using Natural Language Processing for Hardware Asset Management | GKH        | JLSY            |
| 7   | 1130 - 1150 | CHEW LEONG HUI THENG        | Product Recommender Systems using Machine Learning Techniques.   | TTP        | WLP             |



### Parallel Presentation Session (CDS 590) #3 Dr Pantea

Webex Link: <https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m0ce61fd77499c0e8b846a1eb0c1995ab>

| No. | Time        | Name                              | Project Title   | Supervisor | Examiner  |
|-----|-------------|-----------------------------------|---|------------|-----------|
| 1   | 0900 - 0920 | PHANG YUEN CHI                    | Text mining on social media to explore health-related concerns among thalassemia patients and their caregivers using Topic Modelling. | AMK        | PK        |
| 2   | 0925 - 0945 | OSAMA ABDALLA MOHAMED ABDELRAHMAN | Assembly Line's Defect Detection Using Machine Learning   | PK         | AA-Anusha |
| 3   | 0950 - 1010 | TAN PEI SENG                      | Adaptive Control of Robotic Arm with Deep Reinforcement Learning  | PK         | Shankar   |
| 4   | 1015 - 1035 | YEOH TIH HUANG                    | Body Worn Camera ID Recognition   | Azam       | AMK       |
| 5   | 1040 - 1100 | JEE JIA HUI                       | Predictive Analysis on Machine Failure  | GCS        | UKY       |
| 6   | 1105 - 1125 | YEAP SOON KENT                    | Categorization of Silicon Validation Errors Using Text Mining   | UKY        | MS        |
| 7   | 1130 - 1150 | SIVASANGGERI BALAN                | Machine Learning Tokenization Algorithms for JIRA Ticketing Automation System   | UKY        | SMSM      |



Parallel Presentation Session (CDS 590) **#4 Dr Adib**

Webex Link: <https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m51ded1e9391a10ab079e77990d13e306>

| No. | Time        | Name                  | Project Title  | Supervisor | Examiner |
|-----|-------------|-----------------------|--|------------|----------|
| 1   | 0900 - 0920 | AZIMAH BINTI AZMAN    | An Analysis of Process Parameters of Injection Moulding  | Hadeel     | MAHO     |
| 2   | 0925 - 0945 | TAN BOON HEE          | An Analytics Dashboard for Census Monitoring Using Integrated Economic Data                    | MAHO       | CYN      |
| 3   | 0950 - 1010 | FAIZ AMIRUL BIN FUAD  | Predictive Analysis Using Machine Learning Technique On Customer Technical Support Performance | Hadeel     | CYN      |
| 4   | 1015 - 1035 | KONG SHENG HOW        | Revenue Forecasting Using Machine Learning Approach  | CYN        | TJS      |
| 5   | 1040 - 1100 | JOLOUS JAMSHIDI EHSAN | Efficient Outlier Detecting of Coastal Water Temperature                                       | ZZ         | Selva    |
| 6   | 1105 - 1125 | CHONG YOON FATT       | A Deep Learning Approach for Radio Frequency Desense Detection                                 | MNY        | ZZ       |
| 7   | 1130 - 1150 | LIM CHUN MING         | Patent Monitoring with Machine Learning  | MNAW       | ZZ       |



Parallel Presentation Session (CDS 590) **#5 Dr Suzi**

Webex Link: <https://usm-cmr.webex.com/usm-cmr/j.php?MTID=m4c375566261a100844144893c4df0665>

| No. | Time        | Name                                      | Project Title  | Supervisor | Examiner |
|-----|-------------|---|--|------------|----------|
| 1   | 0900 - 0920 | JOEL GOH YIE MING                         | Ship Planning and Capacity Planning Dashboard  | WMNWZ      | SIF      |
| 2   | 0925 - 0945 | WAN ANIS IZZATI BINTI<br>WAN AFFANDI AZAM | Drone Delivery Management System Based on Data Science                                   | MHMN       | SIF      |
| 3   | 0950 - 1010 | CHENG XIYANG                              | Application of Machine Learning to Reduce Scrap Rate in Automated Manufacturing Industry | ASAM       | MHMN     |
| 4   | 1015 - 1035 | NUR ATIQA BINTI ABD<br>LATIF              | Build-to-Order Server System Configuration Failure Prediction                            | ASAM       | SL       |
| 5   | 1040 - 1100 | NURUL NAJIAH BINTI A<br>RUSLI             | Prediction on the Healthy Number of Supply Units of Storage Hard Drive                   | Hadeel     | SL       |
| 6   | 1105 - 1125 | HALIMATON SAADIAH<br>BINTI RUSLI          | A Sentiment Analysis on Amway's Brand  | NFI        | AMK      |