

## PAPER PRESENTATION SCHEDULE

**Date** : 8 November 2018  
**Venue** : Symphony 1, Level 1  
**Moderator** : Dr. Khalid Gazi Hj. Ali

TIME	PAPER PRESENTATION
11.10 – 11.25 am	ID163 <b>THERMAL DEGRADATION OF UNSATURATED POLYESTER AND COMPOSITE FIBERGLASS EMBEDDED WITH ALUMINIUM</b> <i>(ASMALINA MOHAMED SAAT, MOHD RAFIE JOHAN, MD SALIM KAMIL, MAZLAN MUSLIM)</i>
11.25 – 11.40 am	ID164 <b>EFFECT OF THERMAL AGING ON THE MECHANICAL PROPERTIES OF HYBRID MULTILAYER COMPOSITE WITH VARIOUS CORE STRUCTURE</b> <i>(ASMALINA MOHAMED SAAT, HANISAH JOHOR, HAZWANI MOHD RADZI, HARITH JOHARI, MOHD TAUFIQ HAMIDI)</i>
11.40 – 11.55 am	ID160 <b>EFFECTIVE CONTROL OF SO<sub>x</sub> AND NO<sub>x</sub> RELEASE TO THE ATMOSPHERE FROM EMISSIONS OF SHIP PROPULSION ENGINES.</b> <i>(MD SALIM KAMIL, MAZLAN MUSLIM, ASMALINA MOHAMED SAAT)</i>
11.55 am – 12.10 pm	ID170 <b>OPTIMIZATION STRUCTURE DESIGN OF OFFSHORE OSCILLATING WATER COLUMN (OWC) WAVE ENERGY CONVERTER</b> <i>(KHAIRUL ANUAR MAT SAAD, AHMAD KHAIRIL AZMAN)</i>
12.10 – 12.25 pm	ID189 <b>NATURAL MODE SOLAR EVACUATED TUBE DESALINATION</b> <i>(SAW CHUN LIN, JEEFFERIE ABD RAZAK, AZMI NAROH, MOHD NAZRIN NAHAR, M. BAKHYARAJ KOUNDER MUNIANDY)</i>

**Date** : 8 November 2018  
**Venue** : Symphony 2, Level 1  
**Moderator** : Dr. Azuin Ramli

TIME	PAPER PRESENTATION
11.10 – 11.25 am	ID161 <b>STUDY OF THE STRATIFICATION EFFECT AT THE REACTOR INSTALLATION IN THE SMOLENSKAYA AREA</b> <i>(BINH NGUYEN, ALEKSEY SHELEGOV, IGOR CHUSOV)</i>
11.25 – 11.40 am	ID192 <b>CARBON EMISSIONS MEASUREMENT USING PORTABLE EMISSION DEVICE IN COASTAL FISHING BOATS</b> <i>(ISMAIL ZAINOL, ZULZAMRI SALLEH)</i>
11.40 – 11.55 am	ID196 <b>A STUDY OF A HEAT EXCHANGER SIZING OF A GAS TURBINE INLET AIR COOLING FOR POWER ENHANCEMENT</b> <i>(DIDI ASMARA SALIM, MOHD AMIN ABD MAJID, ADZUIEEN NORDIN)</i>
11.55 am – 12.10 pm	ID197 <b>TECHNO-ECONOMIC ASSESSMENT OF TURBINE INLET AIR COOLING FOR SMALL SCALE COMBINED CYCLE POWER PLANT IN MALAYSIA CLIMATE</b> <i>(ADZUIEEN NORDIN, DIDI ASMARA SALIM, MOHAMAD ASYRAF BIN OTHOMAN, SHAHRUL NAHAR OMAR KAMAL, DANNY TAM HONG KHAI, MOHD KAMARUL YUSRI YUSOF)</i>
12.10 – 12.25 pm	ID198 <b>FEASIBILITY OF A DISTRICT COOLING SYSTEM IN TECHNICAL AND VOCATIONAL INSTITUTIONS</b> <i>(ADZUIEEN NORDIN, ZULHIKMI ZALI, MOHAMAD ASYRAF BIN OTHOMAN, SHAHRUL NAHAR OMAR KAMAL, DIDI ASMARA SALIM)</i>

## PAPER PRESENTATION SCHEDULE

**Date** : 8 November 2018  
**Venue** : Symphony 3, Level 1  
**Moderator** : Dr. Izwah Ismail

TIME	PAPER PRESENTATION
11.10 – 11.25 am	ID171 <b>MAIN PROPULSION MARINE DIESEL ENGINE CONDITION BASED MAINTENANCE MONITORING USING ULTRASOUND SIGNAL</b> <i>MOHD NAIM AWANG, ZAKIMAN ZALI, NOR ASHIMY MOHD NOOR, RIDWAN SAPUTRA NURSAL</i>
11.25 – 11.40 am	ID168 <b>DESIGN OF FULL-BRIDGE RECTIFIER FOR UNDERWATER REMOTELY OPERATED VEHICLE POWER SUPPLY UNIT</b> <i>(NORHAFIZAH OTHMAN, WARDIAH MOHD DAHALAM)</i>
11.40 – 11.55 am	ID184 <b>APPLICATION OF CONTACTLESS INDUCTIVE CHARGING FOR SHIP – A REVIEW</b> <i>(MOHD ZAIFULRIZAL ZAINOL, ISMAIL ZAINOL, ALIF AKMAL ABU BAKAR, MOHD FAIZAL ABDUL RAZAK, MD REDZUAN ZOOLFAKAR)</i>
11.55 am – 12.10 pm	ID190 <b>OPTIMAL POWER GENERATION IN MICROGRID SYSTEM USING PARTICLE SWARM OPTIMIZATION</b> <i>(MD NOOR ABDULLAH, WARDIAH MOHD DAHALAM)</i>

## PAPER PRESENTATION SCHEDULE

**Date** : 8 November 2018  
**Venue** : Symphony 1, Level 1  
**Moderator** : Dr. Zulzamri Salleh

TIME	PAPER PRESENTATION
3.00 – 3.15 pm	ID11 <b>FLEXURAL ANALYSIS FOR SYNTACTIC FOAM SANDWICH PANELS</b> <i>(ZULZAMRI SALLEH)</i>
3.15 – 3.30 pm	ID167 <b>MECHANICAL SIEVE GRADING OF SILICA SAND FROM TIN MINING FOR METAL CASTING MOULD</b> <i>(AZHAR ABDULLAH, KAMARUZZAMAN DAUD, KHAIRUL AZUAN MOHAMAD YUSSOP)</i>
3.30 – 3.45 pm	ID176 <b>FIRE RETARDANT AND PHYSICAL PROPERTIES OF KAPOK-CHOPPED STRAND MATS FIBERGLASS COMPOSITES FOR MARINE APPLICATION</b> <i>(MUHAMMAD ABDUL MUN'AIM MOHD IDRUS, ASMALINA MOHAMED SAAT, MD. REDZUAN ZOOLFAKAR, MAISARAH MOHAMAED BAZIN, SYAHRUL AFZAL HUSSIN)</i>
3.45 – 4.00 pm	ID191 <b>TENSILE PROPERTIES OF DIFFUSION BONDED DUPLEX STAINLESS STEEL TO LOW CARBON STEEL</b> <i>(BAKHTIAR ARIFF BAHARUDIN, AZMAN ISMAIL, FAUZIAH ABD RAHMAN)</i>
4.00 – 4.15 pm	ID191 <b>FRICTION STIR WELDING ON AA5083 TEE JOINT IN 1F POSITION</b> <i>((AZMAN ISMAIL, MOHD SHAHREE MOHD ZUHIR, MOKHTAR AWANG, FAUZIAH AB RAHMAN, BAKHTIAR ARIFF BAHARUDDIN, PUTERI ZARINA MEGAT KHALID, DARULIHAN ABDUL HAMID, MOHD AFENDI ROJAN, WARDIAH MOHD DAHALAM)</i>
4.15 – 4.30 pm	ID193 <b>SINGLE ORDER MULTIPLE REGRESSION MODEL ON EXISTING VESSEL DESIGN INDEX(EVDI)</b> <i>(AMINATUL HAWA YAHAYA &amp; MUHAMAD HAZIM MUKSAN)</i>

**Date** : 8 November 2018  
**Venue** : Symphony 2, Level 1  
**Moderator** : Assoc. Prof. Cmdr.(Rtd.) Dr. Aminuddin Md Arof

TIME	PAPER PRESENTATION
3.00 – 3.15 pm	ID172 <b>INVESTIGATION ON PERFORMANCE AND EMISSIONS OF A SINGLE CYLINDER MARINE DIESEL ENGINE FUELLED WITH DIESEL AND CRUDE PALM BIODIESEL OIL</b> <i>(SHAHRIL JALIL, RIDWAN SAPUTRA NURSAL, ZAMRI YUSOFF, HAIRI HAIZRI CHE AMAT)</i>
3.15 – 3.30 pm	ID174 <b>THERMAL COMFORT IN MARINE WORKSHOP: ENVIRONMENTAL ERGONOMICS MEASUREMENT APPROACH</b> <i>(MOHD HASHIM ABD RAZAK, NOR ASHIMY MOHD NOOR)</i>
3.30 – 3.45 pm	ID175 <b>A STUDY OF CARBON DIOXIDE AND TEMPERATURE</b> <i>(SHAHRIMAN ABD RASHID, MOHD REDZUAN DANURI, NOR ASHIMY MOHD NOOR)</i>
3.45 – 4.00 pm	ID179 <b>THE IMPACT OF INDUSTRIAL REVOLUTION 4.0 ON SHIPBUILDING AND SHIP REPAIR ACTIVITIES IN MALAYSIA</b> <i>(MOHD NAIM AWANG, EFFI HELMY ARIFFIN, ARMAN ARIFFIN)</i>
4.00 – 4.15 pm	ID199 <b>EVAPORATION OF RIVER WATER USING PYRAMID SHAPE SOLAR STILL</b> <i>(ABDUL AZIZ ABDULLAH)</i>

## PAPER PRESENTATION SCHEDULE

**Date** : 8 November 2018  
**Venue** : Symphony 3, Level 1  
**Moderator** : Mr. Victor A/L Amirtham

TIME		PAPER PRESENTATION
3.00 – 3.15 pm	ID6	<b>DYNAMICS ANALYSIS OF SINGLE BUOY MOORING IN MALAYSIAN WATERS</b> (MAZLAN MUSLIM, MD SALIM KAMIL, ASMALINA MOHAMED SAAT)
3.15 – 3.30 pm	ID158	<b>SCALING OF RV ATHENA’S APPENDAGE DRAG USING CFD</b> (IWAN ZAMIL MUSTAFFA KAMAL)
3.30 – 3.45 pm	ID173	<b>A CFD ANALYSIS OF VENTILATION SYSTEM IMPROVEMENT IN THE TWO STROKE MARINE DIESEL ENGINE WORKSHOP</b> (MOHD REDZUAN DANURI, SHAHRIMAN ABD RASHID)
3.45 – 4.00 pm	ID180	<b>BMI MONITORING SYSTEM USING LABVIEW</b> (NORHAYATI MOHD ZAINEE, MD. SALIM KAMIL, NORAZIMAH MAZLAN, ISMILA CHE ISHAK)
4.00 – 4.15 pm	ID187	<b>FE MODEL UPDATING OF EXHAUST STRUCTURE USING SOL200</b> (MOHD SAHRIL MOHD FOUZI, MOHD SHAHRIR MOHD SANI)
4.15 – 4.30 pm	ID200	<b>SIMULATION OF FLOW DISTRIBUTION INSIDE SMALL CAVITY AT TWO WAY RADIO BY CFD (ANSYS FLUENT)</b> (WAN MASRURAH HAIRUDIN)
4.30 – 4.45 pm	ID204	<b>WAVE- -DECK FORCE ON FIXED JACKET PLATFORMS BY SILHOUTTE METHOD AND DETAILED COMPONENT METHOD</b> (LIGAR ANGGARA PANGESTU, NG CHENG YEE, ALEX ELPIANTO KAJUPUTRA, MUHAMMAD KHAIRUL MUZAMMIL, SUHAIDAH SABTU)
4.45 – 5.00 pm	ID 165	<b>DESIGN AND FABRICATION OF A PARALLEL MECHANISM FOR FOR FOOT/ANKLE REHABILITATION THERAPY</b> (KRISHNAN SUBRAMANIAM, ANANDA KRISHNA, AMER NORDIN, VICTOR AMIRTHAM, A.M.A. RANI, TVVLN RAO)

## PAPER PRESENTATION SCHEDULE

**Date** : 9 November 2018  
**Venue** : Symphony 1, Level 1  
**Moderator** : Assoc. Prof. Dr. Md Redzuan Zoolfakar

TIME	PAPER PRESENTATION
9.00 – 9.15 am	ID3 <b>A STUDY OF OIL SPILL AT MARINE COMPANIES: FACTORS AND EFFECTS</b> (ISMILA CHE ISHAK, WAN MUHAMMAD HAFIZ WAN AB RANI, SHAIFUL BAKRI ISMAIL, NORAZIMAH MAZLAN)
9.15 – 9.30 am	ID8 <b>FORENSIC INVESTIGATION ON THE PROPULSION TRAIN SYSTEM FOR VIBRATION INDUCED PHENOMENON ONBOARD A NAVAL VESSEL USING FAST FOURIER TRANSFORM</b> (HAMDAN NURUDDIN, IWAN ZAMIL MUSTAFFA KAMAL, MUHAMMAD HAZWAN AZIZI, SHAIFUL BAKRI ISMAIL)
9.30 – 9.45 am	ID128 <b>A PRELIMINARY DESIGN OF AN ADJUSTABLE DOUBLE- OUTRIGGER STABILIZER FOR FISHING BOAT</b> (NORFADHLINA KHALID, MUHAMMAD HAZIQ ZULKIFLI)
9.45 – 10.00 am	ID157 <b>EXPERIMENTAL ANALYSIS OF FRP CONFINED CONCRETE FOR UNDERWATER APPLICATION</b> (ZAIMI ZAINAL MUKHTAR, ANUAR ABU BAKAR, AHMAD FITRIADHY, MOHD SYUKRY ABD MAJID, ASMALINA MOHAMED SAAT)
10.00 – 10.15 am	ID169 <b>STUDY UPON LOCAL AVIATION COMPANY : RATE OF PERCEIVED EXERTION OF AVIATION MAINTENANCE WORKSPACE</b> (MOHD HARRIDON)
10.15 – 10.30 am	ID186 <b>RO-RO PORT FACILITIES TOWARD CUSTOMER SATISFACTION: EVIDENCE FROM KUALA PERLIS TERMINAL, PERLIS, MALAYSIA.</b> (AMAYROL ZAKARIA, AMINUDDIN MD AROF, ISMILA CHE ISHAK)

**Date** : 9 November 2018  
**Venue** : Symphony 2, Level 1  
**Moderator** : Dr. Norshakila Haris

TIME	PAPER PRESENTATION
9.00 – 9.15 am	ID9 <b>THERMAL AND ELECTRICAL CHARACTERISTICS OF ELECTRICALLY CONDUCTIVE ADHESIVES (ECAS): STUDY ON MICRO AND NANO-SIZED SILVER PARTICLE EFFECT</b> (MUHAMMAD ZULKARNAIN)
9.15 – 9.30 am	ID162 <b>PIEZOELECTRIC P(VDF-TRFE) THICK FILM BASED MICRO-POWER GENERATOR USING FLEXIBLE SUBSTRATE FOR WEARABLE APPLICATIONS</b> (CHOW KHOON KEAT, WOO TZE KEONG, KOK AWEE LEONG, ALI ABDUL- KADHIM)
9.30 – 9.45 am	ID177 <b>IMPORTANT PARAMETER RELATED TO AFM LITHOGRAPHY FOR FABRICATION OF SILICON NANOWIRES</b> (AHMAD MAKARIMI ABDULLAH, KHATIJAH AISHA YAACOB, SABAR DERITA HUTAGALUNG, ZAINOVIA LOCKMAN)
9.45 – 10.00 am	ID178 <b>AN INVESTIGATION ON THE OVERALL EFFICIENCY OF A SHIP WITH SHAFT GENERATOR USING AN ENGINE ROOM SIMULATOR</b> (WILFREDO YUTUC)
10.00 – 10.15 am	ID207 <b>CRUDE OIL FOULING MITIGATION BY PRODUCTS THERMAL MANAGEMENT IN HEAT EXCHANGERS</b> (OGBOO CHIKERE AJA, TING HUONG DEEN, SAW CHUN LIN)
10.15 – 10.30 am	ID201 <b>INFLUENCE OF PARTIALLY STANDING WAVES ON OFFLOADING OPERATIONS FOR SHUTTLE TANKER</b> (MOHAMMED SHIHAB, MOHD. SHAHIR LIEW, ZAHIRANIZA MUSTAFFA, ABDURRASHEED SAID ABDURRASHEED, ANDREW WHYTE)
10.30 – 10.45 am	ID202 <b>EFFECT OF MOTION RESPONSES AND DRIFT FORCES ON SIDE-BY-SIDE OFFLOADING OPERATION OF FPSO</b> (MOHAMMED SHIHAB, MOHD. SHAHIR LIEW, ZAHIRANIZA MUSTAFFA, ABDURRASHEED SAID ABDURRASHEED, ANDREW WHYTE)