## Tuesday 22nd - July

## Technical Sessions V: 10:50 - 12:10

| 1 CCHINCAL DESSIONS V. 10.30 - 12.10  |   |  |   |
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| Room 107  | Room 108  | Room 206   | Room 207  |
| (1) Design and Analysis (III)   | (2) Materials (VI)  | (3) Materials (VII)  | (4) Materials (VIII)  |
| Chaired by Tatsuo NISHIZAWA   | Chaired by Shie-Shin WU   | Chaired by Filippo G. PRATICO  | Chaired by Vincent GUWE   |
| 1 TRAFFIC DISTRIBUTION ON MULTILAN HIGHWAYS IN JAKARTA AND ITS EFFECT ON VEHICLE DISTRIBUTION COEFFICIENT ON THE INDONESIAN FLEXIBLE PAVEMENT DESIGN MANUA Leksmono Suryo PUTRANTO, Robby ARIBOWO and Dedy Setio INTAN (Indonesia | MASTIC ASPHALT FOR HIGHWAY PAVEMENT  Boon-Hwee LOW, John ADAMS and Kah-Pin TAN (Singapore)  | 1 CHARACTERISTICS OF AR BINDER FOR<br>DIFFERENT KINDS OF RUBBER POWDER<br>Makiko OTAKE, Teruhiko MARUYAMA,<br>Akinori KOBAYASHI and Junichi KINOSHITA<br>(Japan) | 1 STUDIES ON FATIGUE BEHAVIOR OF FLY<br>ASH STABILZED SOILS  S. GANGADHARA and L. MANJESH (India)   |
| 2 ANALYTICAL APPROACH TO FIND THE OPTIMUM AGGREGATE STRUCTURE USING EFFECTIVE FILM THICKNESS CONCEPT  Kyungwon PARK, Kangwon Wayne LEE and Jin-Ho CHOI (Korea)  | 2 PERFORMANCE EVALUATION OF A HIGH DURABILITY ASPHALT BINDER AND A HIGH DURABILITY ASPHALT MIXTURE FOR BRIDGE DECK PAVEMENTS  Hee Mun PARK, Ji Young CHOI, Hyun Jong LEE and Eui Yoon HWANG (Korea) | 2 SOIL STABILIZATION USING HYDROPHOBIC CEMENT  Freidoon MOGHADASNEJAD, Amir MODARRES and Hooman RAHIMI (Iran)  | 2 COMPARISON OF PERFORMANCE AND JET FUEL OIL RESISTANCE OF JOINT SEALANT FOR AIRSIDE AREA  Tae Soon PARK, Jung Hoon JIN and Sung Ho MUN (Korea) |
| 3 THE PAVEMENT STRUCTURE DESIGN FOR THE SECOND RUNWAY AT THE KANSAI INTERNATIONAL AIRPORT  Takashi SHIMADA, Kazumasa HARIMOTO, Hitoshi SEGUCHI, Takashi TSUDA and Tsutomu FUKUTE (Japan)  | 3 PHYSICAL PROPERTIES OF ASPHALT RUBBER MIXTURES  Masahito FUJII, Kenji HIMENO, Kenichi KOUGO and Masato MURAYAMA (Japan)   | 3 BEHAVIOUR OF POLYPROPYLENE FIBER REINFORCED CONCRETE PAVEMENTS  M. P. S. CHAUHAN, S. S. JAIN and S. Vamsi KRISHNA (India)                                      | 3 HOT MIX ASPHALT STIFFNESS MODULI:<br>LABORATORY VERSUS FIELD  Mofreh SALEH (New Zealand)  |
| 4 COST-EFFECTIVE PROCEDURE FOR CHARACTERIZING ROADBED SOIL FOR THE M-E PDG  Colin P. SESSIONS, Tyler A. DAWSON, Gilbert Y. BALADI and Syed Waqar HAIDER (U.S.A.)  |   | 4 EFFECT OF STRESS ON PHYSICAL<br>HARDENING OF ASPHALTS  Pavel KRIZ, Jiri STASTNA and Ludo<br>ZANZOTTO (Canada)  |   |