

1st International Symposium of the Vacuum Society of the Philippines

Tentative Scientific Program as of 13 December 2015

Day 1: 14 January 2016

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| 9:00-10:00 | Opening Ceremony (Escalator Hall) | |
| 10:00-10:15 | Group Photo | |
| 10:15-10:45 | Coffee Break (Sec B/C Foyer) | |
| PLENARY SESSION I (Escalator Hall) | | |
| 10:45-11:15 | Plenary 1: M. Wada (<i>Laser based plasma and surface diagnostics for negative hydrogen ion sources</i>) | |
| 11:15-11:45 | Plenary 2: H.J. Ramos (<i>Plasmas for instrumentation, academic training and innovative applications</i>) | |
| 12:00- 1:00 | Lunch Break (2 nd Floor Gonzaga Hall Cafeteria) | |
| | ORAL SESSION A (Vacuum Science and Technology, Electronic Materials and Processing) (SEC Lecture Room A) | ORAL SESSION D (Thin Films, Applied Surface Science) (SEC Lecture Room B) |
| 1:00-1:20 | K. Doi (O-12) | H.S. Salapare III (O-17) |
| 1:20-1:40 | J.D. Ocon (O-57) | M.M.S. Villamayor (O-23) |
| 1:40-2:00 | R. Bantaculo (O-8) | C.M. Dingle (O-4) |
| 2:00-2:20 | A. Alguno (O-2) | E.M. Dumayaca (O-9) |
| 2:20-2:40 | H. Takahashi (O-50) | L.M.D. Rosario (O-32) |
| 2:40-3:00 | J.K.C. Valerio (O-49) | J.L. Lee (O-26) |
| 3:00-3:30 | Coffee Break (Sec B/C Foyer) | |
| 3:30-5:00 | POSTER SESSION I (Sec B/C Foyer) | |
| 6:00-9:00 | Fellowship Night (Leong Hall Rooftop) | |

Day 2: 15 January 2016

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| 8:00 – 9:30 | POSTER SESSION II (Sec B/C Foyer) | |
| | ORAL SESSION C (Plasma Science and Technology, Applied Surface Science, Nanostructures) (SEC Lecture Room A) | ORAL SESSION B (Surface Science, Surface Engineering) (SEC Lecture Room B) |
| 9:30-9:50 | A. Alvaro (O-1) | L.C. Aban (O-27) |
| 9:50-10:10 | M. Ombao (O-35) | N.L.F. Galban (O-20) |
| 10:10-10:20 | Coffee Break (Sec B/C Foyer) | |
| 10:20-10:40 | B.A.T. Suarez (O-40) | A.K.R. Ang (O-56) |
| 10:40-11:00 | N. Miyamoto (O-5) | L.S.M. Lozada (O-61) |
| 11:00-11:20 | E.M.D. Cruz (O-37) | S.M. Palardonio (O-21) |
| 11:20-11:40 | M.M. Vega (O-36) | M.R. Vasquez Jr. (O-63) |
| 11:40-12:40 | Lunch Break (2 nd Floor Gonzaga Hall Cafeteria) | |
| PLENARY SESSION II (Escalator Hall) | | |
| 12:40-1:10 | Plenary 3 – M. Sasao (<i>Probing beams for plasma diagnostics and their applications to plasma process devices and surface modification</i>) | |
| 1:10-1:40 | Plenary 4 – S. Hamaguchi (<i>Atomic-scale analyses of non-equilibrium surface chemical reactions in dry etching processes for modern semiconductor devices</i>) | |
| 1:40-2:10 | Plenary 5 – D.T. Quinto (<i>Plasma assisted surface treatments and manufacturing productivity for developing economies</i>) | |
| 2:10-2:25 | Coffee Break (Sec B/C Foyer) | |
| PLENARY SESSION III (Escalator Hall) | | |
| 2:25-3:25 | Plenary 6 – J. Greene (<i>Fundamental properties of TM nitrides: materials design strategies for extreme properties</i>) | |
| 3:25-3:55 | Plenary 7 – S.K. Guharay (<i>Negative ions for emerging interdisciplinary applications</i>) | |
| 3:55-4:25 | Plenary 8 - D.N. Ruzic (<i>The plasma-material interactions in plasma cleaning</i>) | |
| 4:25-4:30 | CLOSING CEREMONY (Escalator Hall) | |
| 4:30-5:30 | BUSINESS MEETING (Escalator Hall) | |

| POSTER SESSION I TOPICS | POSTER SESSION II TOPICS |
|-------------------------------------|---|
| Vacuum Science and Technology (VST) | Applied Surface Science (APSS) |
| Plasma Science and Technology (PST) | Surface Engineering (SE) |
| Nanometer Structures (NS) | Surface Science (SS) |
| Thin Films (TF) | Electronic Materials and Processing (EMP) |