

MATERIALS CHEMISTRY HORIZONS FOR SUSTAINABLE ENERGY FUTURES

Thursday 12 November 2015

1830 Waseda University faculty arrive in USA, overnight at Hotel UMass
Meet with P. M. Lahti at Hotel UMass Lobby to go to dinner

Friday 13 November 2015

Workshop Activities (Goessmann 153); 5 min gaps are for discussion or setup.

0815-0845 Coffee

0845-0900 Welcome

0900-0940 Prof. Hiroyuki Nishide (Waseda Applied Chemistry)

Introductory: Waseda's Program for New Horizon Materials

0945-1025 Prof. Thomas P. Russell (UMass Polymer Science & Engineering)

Polymer-Based Materials and Devices for Sustainable Energy Needs

1030-1110 Prof. Kenichi Oyaizu (Waseda Applied Chemistry)

Functional Polymers for Energy-Related Materials and Devices

1115-1155 Prof. D. Venkataraman (UMass Chemistry)

Electronic and Energy Materials Research

1200-1300 Break for Lunch (*Campus Center 811-815*)

1315-1355 Prof. Ashwin Ramasubramaniam (UMass Mech. and Indust. Eng.)

Computational Investigations of Organic and Hybrid Organic-Inorganic Solid State Materials

1400-1440 Prof. Yukio Furukawa (Waseda Chemistry)

Raman and Infrared Spectroscopy of Organic Semiconductors used for Electronic Devices

1445-1525 Prof. Michael D. Barnes (UMass Chemistry)

Spectroscopy and Microscopy of Electronic Molecules and Materials

1530-1610 Prof. Toru Asahi (Waseda Life Science & Medical Bioscience)

Chiroptical Study on Photomechanical Crystals

1615- 1700 Common interests discussion among workshop speakers and invited UMass faculty

1700-1800 Break

1800-2000 Dinner at Hotel UMass (*Hadley Room, Campus Center 1001*)