

RUMP SESSIONS

Following two Rump Sessions have been organized on September 20 (Thursday).

Session A

“Oxide Electronics–Status and Outlook–”

Organizer/Moderator:

M. Kawasaki (Tohoku Univ., Japan)

Increasing interests on oxides are attracted by the rich possibilities and keen demands of metal-oxides as the key materials for future electronics. High-k oxides for alternative gate dielectrics and ferroelectric capacitors for non-volatile memories are well known examples for the SSDM community. Even more exciting applications are now being uncovered, from ultraviolet light emitting devices and high mobility thin film transistors through electric-control of magnetism in multiferroics to resistance change nonvolatile memories. Several keynotes will be delivered for the latter by panelists and near-future challenges in the emerging materials research will be discussed with the audience.

Session B

“New Materials Meet Advanced Silicon Technology”
(tentative)

Organizers/Moderators:

H. Ishiuchi (Toshiba, Japan)

and a couple of additional Organizers/
Moderators