

Summer seminar school 2013 in Shimona (7/18 現在)

Current participants:

The Tsuchiyas (4), Kuwayama, Dekura, Wang, Taniuchi, Hase, Toya, Osumi, Yamamoto, Kawai (Tokyo Institute of Technology), Ohmura (Kyoto University)

Venue: Shimona-no-sato, <http://www14.plala.or.jp/shimona23/>

Dates: From. 5 (Mon) to Aug. 7 (Wed)

Gathering: The entrance of the GRC bldg. at ~8:40, Aug. 5.

Seminar Schedule (The order of talks is subject to change):

----- 1st session (afternoon Aug.5) -----

Taniuchi: *Ab initio* calculation of melting point of MgO

Ohmura: 構造不規則系の第一原理分子動力学シミュレーション

Ohsumi: 地球外核の構造と化学組成

Toya: abinit による伝導率の計算

Hase: MgSiO₃ の挙動

----- 2nd session (morning, Aug.6) -----

Yamamoto: 下部マントル条件下における MgSiO₃ ペロブスカイトの弾性特性の化学的効果

Wang: Partitioning of iron in the dominated lower-mantle minerals

Kawai: ザクロ石の弾性的性質および相安定性について

Dekura: *Ab initio* transport properties

----- 3rd session (afternoon, Aug.6) -----

Jun Tsuchiya: First principles investigations of hydrous phases under pressure: Implications for the transportation of water into the Earth's deep interior

Kuwayama: The composition of the inner core

Taku Tsuchiya: Recent topics of *ab initio* high-pressure mineral physics

Aug. 5

8:40 gather at the entrance hall of the GRC bldg., Ehime-Univ.

9:00 depart Ehime-Univ

~12:00 lunch

~13:30 arrive Shimona

(30~60 min. recess)

1st session

~17:00 dinner

Aug. 6

~8:00 Breakfast

9:00~ 2nd session

~12:00 lunch

~13:00 3rd session

~17:00 dinner

Aug. 7

~8:00 Breakfast

*** arrive Ehime-Univ.