



TANDEM (The Asian Network in Deep Earth Mineralogy) is an international network in Asia region for the advancement of experimental and computational studies on physical properties, structures, dynamics, and evolution of the Earth's deep interior. Current members of TANDEM are laboratories/individuals at major institutions in Australia, China, Japan, and Korea. One of the major focusing points of TANDEM is the enhancement of international collaborations and exchange of young researchers in high-pressure mineral physics and related science/technology fields. We combine unique techniques and facilities in individual laboratories to develop new frontiers in deep Earth mineralogy as well as in training young scientists in high-pressure research. Information on meetings, student internships, post-doctoral opportunities, available facilities, collaborations, etc. will be shared within the network via internet communications. TANDEM is coordinated by Geodynamics Research Center (GRC), Ehime University, with financial support by the Global COE program "Center for Advanced Experimental and Theoretical Deep Earth Mineralogy" funded by MEXT (Ministry of Education, Culture, Sports, Science, and Technology) for fiscal years 2008-2012.

TANDEM laboratories are located at the following universities/organizations (corresponding persons):

- 1) Ehime University, Japan (Tetsuo IRIFUNE: irifune@dpc.ehime-u.ac.jp)
- 2) University of Tokyo, Japan (Hiroyuki KAGI: kagi@eqchem.s.u-tokyo.ac.jp)
- 3) Japan Synchrotron Research Institute, Japan (Ken-ichi FUNAKOSHI: funakosi@spring8.or.jp)
- 4) Hokkaido University, Japan (Kiyoshi FUJINO: kiyoshi-fujino@mail.sci.hokudai.ac.jp)
- 5) Kyushu University, Japan (Takumi KATO: tkato@geo.kyushu-u.ac.jp)
- 6) Hiroshima University, Japan (Jun-ichi ANDO: ando@geol.sci.hiroshima-u.ac.jp)
- 7) National Institute for Materials Science, Japan (Hitoshi YUSA: YUSA.Hitoshi@nims.go.jp)
- 8) Gakushuin University, Japan (Masaki AKAOGI: masaki.akaogi@gakushuin.ac.jp)
- 9) Okayama University, Japan (Tomoo KATSURA: tkatsura@misasa.okayama-u.ac.jp)
- 10) Tokyo Institute of Technology, Japan (Eiichi TAKAHASHI: etakahas@geo.titech.ac.jp)
- 11) Osaka University, Japan (Osamu OHTAKA: ohtaka@ess.sci.osaka-u.ac.jp)
- 12) Kyoto University, Japan (Tatsuhiko KAWAMOTO: kawamoto@stu.ehime-u.ac.jp)
- 13) China University of Geosciences, China (Zhenmin JIN: zmin@cug.edu.cn)
- 14) Peking University, China (Xi LIU: XI.LIU@pku.edu.cn)
- 15) Chinese Academy of Science, China (Heping LI: liheping@vip.skleg.cn)
- 16) Yanshan University, China (Dongli YU: ydl@ysu.edu.cn)
- 17) Sichuan University, China (Duanwei HE: duanweihe@yahoo.com)
- 18) Seoul National University, Korea (Haemyeong JUNG: hjung@snu.ac.kr)
- 19) National Chen Kung University, Taiwan (Jennifer KUNG: jkung@mail.ncku.edu.tw)
- 20) Australian National University, Australia (Ian JACKSON: Ian.Jackson@anu.edu.au)

Advisors: Yanbin Wang (GSECARS, Univ. Chicago: wang@cars.uchicago.edu), Baosheng Li (MPI, Stony Brook Univ.: bli@notes.cc.sunysb.edu)