

Bismuth in ISSP open campus

During the open-campus event of ISSP held on Oct. 27 and 28, two new exhibits related to bismuth were presented as part of the exhibition on high magnetic field facilities.

First, we demonstrated growth of bismuth crystals. When bismuth melted on a hot plate is cooled, beautiful crystals grow from the edge of the container (upper right figure).

Second, we showed the magnetic levitation. A permanent magnet levitates in between two lumps of diamagnetic bismuth (lower right figure). As a result of exquisite balancing, we were able to keep the magnet afloat for two days.

