10th Workshop on Energy Localization in Nonlinear Lattices

A1-208, A1-building, Katsura Campus, Kyoto University
Saturday, September 5, 2015

Invited Speakers and Talk Titles

S.V. Dmitriev
(Institute for Metals Superplasticity Problems of Russian Academy of Sciences)
“Discrete breathers in crystals. Achievements and open problems”

E.A. Korznikova
(Institute for Metals Superplasticity Problems of Russian Academy of Sciences)
“Discrete breathers in 2D monoatomic and diatomic Morse crystals”

Schedule

1:00-2:00
S.V. Dmitriev: Discrete breathers in crystals. Achievements and open problems

2:00-2:30
Y. Doi: Mobility of discrete breathers in symmetric lattices

Coffee Break

2:45-3:15
M. Sato: Intrinsic localized modes in a cantilever array

3:15-3:45
M. Kimura: Moving intrinsic localized modes in eight-degree-of-freedom lattices

Coffee Break

4:00-5:00
E.A. Korznikova: Discrete breathers in 2D monoatomic and diatomic Morse crystals