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Dali Zhang(U. Calgary) Current collaborators: Elena Cherkaev(U. Utah), Robert Gilbert(U. Delaware),

and direct/inverse acoustic scattering in waveguides **Background**: De-homogenization of composites with fine microstructure

in time domain. matrix with visco-elastic fluid (frequency domain) and de-homogenization Current Research Projects: De-homogenization for composites of elastic

about the open problems for time-reversal acoustic for media without layelastic waves should be an interesting area to work on. He also mentioned In the panel discussion, Jean-Pierre mentioned that time-reversal using formation of the composites can be recovered by using the time-reversal problems for us to solve. ered structure. I think these two sets of problems are interesting open method and possible combination with the de-homogenization technique Potential problems to work with the image group: to identify what in-