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Room:105

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Our numerical simulation studies: bridges connecting theory and practice in quake seismology

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In this presentation I review our numerical simulation studies on wave propagation in quake seismology. Jon F. Claerbout mentioned "I hope to illuminate the gaps between theory and practice which are the heart and soul of exploration seismology, as they are of any living science." in one of his text books for exploration seismology "Earth Sounding Analysis: Processing versus Inversion" (Blackwell Scientific Pub.,1992). What a wonderful sentence it is! I hope that our numerical simulation studies become bridges connecting theory and practice in quake seismology.

Keywords: numerical simulation, seismic wave