



# GCOE Seminar

## “Recent Imaging Technology in Geoscience”

### Date

Thursday, March 25<sup>th</sup> 2010, 13:00 - 15:30

### Venue

Room 152, Katsura Campus C Cluster,  
Kyoto University

### Keynote Speakers (13:00 – 13:45)

#### Prof. Dr. Brian Kennett

Professor of Seismology & Director of ANSIR  
(National Research Facility for Earth Sounding)  
Australian National University - Australia

Title: "What do seismic tomographic images mean?"

### Other Speakers (13:45 – 15:30)

#### Norimitsu Nakata

PhD student, Dept. of Civil and Earth Resources Engineering,  
Graduate School of Engineering, Kyoto University – Japan  
Title: "Acceleration of the simulation of elastic wave propagation  
using GPU"

#### Shohei Minato

PhD student, Dept. of Civil and Earth Resources Engineering,  
Graduate School of Engineering, Kyoto University – Japan  
Title: "Crosswell seismic survey without borehole sources using  
seismic interferometry by multidimensional deconvolution"

#### Dr. Mohammad Rachmat Sule

Post-doc Researcher at Dept. of Civil and Earth Resources  
Engineering, Graduate School of Engineering, Kyoto University  
and Lecturer at Institut Teknologi Bandung (ITB)  
Title: "Characterization of thin ore-dyke by using travel time  
tomography and seismic waveform modeling methods"

#### Tatsunori Ikeda

PhD student, Dept. of Civil and Earth Resources Engineering,  
Graduate School of Engineering, Kyoto University – Japan  
Title: "Estimation of macroscopic vibration characteristics of  
composite ground using surface wave exploration based  
on homogenization method"

#### Shohei Minato & Dr. Mohammad Rachmat Sule

Researchers at Dept. of Civil and Earth Resources Engineering,  
Graduate School of Engineering, Kyoto University - Japan  
Title: "Integrated seismic interferometry and 3D CRS-Stack  
applications for answering geodynamic problems in  
Japan and Indonesia – a future research proposal"

Note: Each speaker will give a presentation for max 20 minutes

#### Contact

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