

# Future Direction Session

## Super advanced exploration, simulation, and monitoring

### Session theme topics

In the future, by combining big data of cities and disasters with IoT and AI, we should be able to simulate and predict everything from tectonic plate movement to fault destruction to recovery and reconstruction of our cities. In our industrialized world, machines freed humans from physical burdens and simple labor, but rapid computerization caused significant changes in every aspect of the society. We should think how earthquake engineering might free humans from the mental burden and pain caused by disasters.

### Join discussion via on-line system in Extended conference period!

Open discussion in Extended conference period (September 20 to 24) via on-line system

recorded presentation videos will be opened for registered participants

registered participants will be able to submit their comments to the on-line bulletin board (OLBB)

### Join live session in 0900AM-1100AM September 30 (JST)!

900AM-1030AM September 30 (JST): presentation slot

recorded presentation videos will be broadcasted

1030AM-1100AM September 30 (JST): discussion slot

Discussion based on the comments received in advance via OLBB

### Keynote Speakers

Muneo Hori (JAMSTEC)

Zifa Wang (China Earthquake Administration)

### Panelists

Takeshi Koyama (Tokyo Denki University)

Masahiro Kurata (Kyoto Univ.)

Quincy Ma (University of Auckland)

Barbara Simpson (Oregon State University)

Saki Yotsui (Ritsumeikan University)

### Coordinators

Mitsuyoshi Akiyama (Waseda Univ.)

Tsuyoshi Ichimura (University of Tokyo)



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