



Anselme F.E. Borgeaud Postdoctoral Fellow

柏久安 博士後研究

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[Research interest]

- Waveform inversion
- Waveform modeling
- Seismic wave propagation

- Seismic anisotropy
- Seismic attenuation

[Experience]

2019/4– Academia Sinica, Postdoctoral fellow

[Education]

2016/4–2019/3 The University of Tokyo (PhD, Geophysics)

2014/4–2016/3 The University of Tokyo (MSc, Geophysics)

2010/9–2013/7 Ecole Polytechnique Federale de Lausanne (BSc, Physics)

[Publications]

1. Yamaya, L., **Borgeaud, A.F.E.**, Kawai, K., Konishi, K. & Geller, R.J., 2018. [Effects of redetermination of source time functions on the 3-D velocity structure inferred by waveform inversion](https://doi.org/10.1016/j.pepi.2018.04.012), *Phys. Earth planet. Int.*, <https://doi.org/10.1016/j.pepi.2018.04.012>.
2. **Borgeaud, A.F.E.**, Kawai, K., Konishi, K. & Geller, R.J., 2017. [Imaging paleoslabs in the D" layer beneath Central America and the Caribbean using seismic waveform inversion](#), *Sci. Adv.*, **3**, e1602700.
3. Suzuki, Y., Kawai, K., Geller, R.J., **Borgeaud, A.F.E.** & Konishi, K., 2017. [Waveform inversion for 3-D S-velocity structure of D" beneath the Northern Pacific: possible evidence for a remnant slab and a passive plume](#), *Earth, Planets and Space*, **68**.

4. **Borgeaud, A.F.E.**, Konishi, K., Kawai, K. & Geller, R.J., 2016. [Finite frequency effects on apparent S-wave splitting in the D" layer: comparison between ray theory and full-wave synthetics](#), *Geophys. J. Int.*, **207**, 12-28.

[Awards]

1. PhD thesis School of Science Encouragement Award (2019/3)
2. JpGU Outstanding Student Presentation Award (2018/5)
3. University of Tokyo GSS Scholarship (2014/4–2019/3)