

Last updated: 24 May 2024

## **JpGU Meeting 2024 S-SS03: Seismological advances in the ocean**

**Date & Time:** Time zone: JST (UTC+9h)

**○Oral session: 27 May, 2024 Mon / 1:45PM–5:00PM**

\***Venue:** International Conference Room (IC), Makuhari Messe

PM1: 1:45PM–3:15PM

[https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03\\_27PM1/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03_27PM1/tables)

[https://confit.atlas.jp/guide/event/jpgu2024/session/FT01\\_27PM25/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/FT01_27PM25/tables)

PM2: 3:30PM–5:00PM

[https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03\\_27PM2/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03_27PM2/tables)

[https://confit.atlas.jp/guide/event/jpgu2024/session/FT01\\_27PM41/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/FT01_27PM41/tables)

**○On-site poster session: 27 May, 2024 Mon / 5:15PM–6:45PM**

\***Venue:** Exhibition Hall No. 6, Makuhari Messe

[https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03\\_27PO1/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03_27PO1/tables)

\***Guides for Participants by the JpGU Office**

[https://www.jpгу.org/meeting\\_e2024/manual\\_archive.html](https://www.jpгу.org/meeting_e2024/manual_archive.html)

**日時:** \*すべて日本標準時 (UTC+9)

**○口頭セッション: 2024年5月27日(月) / 13:45–17:00**

\***会場:** 幕張メッセ国際会議場 国際会議室

PM1: 13:45–15:15

[https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03\\_27PM1/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03_27PM1/tables)

[https://confit.atlas.jp/guide/event/jpgu2024/session/FT01\\_27PM25/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/FT01_27PM25/tables)

PM2: 15:30–17:00

[https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03\\_27PM2/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03_27PM2/tables)

[https://confit.atlas.jp/guide/event/jpgu2024/session/FT01\\_27PM41/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/FT01_27PM41/tables)

**○現地ポスターセッション: 2024年5月27日(月) / 17:15–18:45**

\***会場:** 国際展示場ホール 6

[https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03\\_27PO1/tables](https://confit.atlas.jp/guide/event/jpgu2024/session/SSS03_27PO1/tables)

\***JpGU 公式による参加者ガイド**

[https://www.jpгу.org/meeting\\_j2024/manual\\_archive.html](https://www.jpгу.org/meeting_j2024/manual_archive.html)

### Oral session timetable

OPM1: 27 May, 2024 Mon, 1:45PM–3:15PM (JST)

(Chairs: Lina Yamaya, Takashi Tonegawa, Tatsuya Kubota)

Time (JST)	ID	Authors	Title	Presentation Style (As of 24 May)
1:45-2:00	SSS03-01	Yoshiaki Matsumoto <i>et al.</i> (松本 圭晶・他) (Invited)	Hypocenter determination using S-net data of shallow earthquakes off Fukushima and Ibaraki prefectures, Japan	In-person
2:00-2:15	SSS03-02	Shukei Ohyanagi <i>et al.</i> (大柳 修慧・他) (Invited)	Shallow tectonic tremor activity in Off Sanriku, near the Japan Trench: does tremor occur in the tsunami earthquake source regions?	In-person
2:15-2:30	SSS03-03	Tetsuya Aoyama <i>et al.</i> (青山 哲也・他) (OSPA Entry)	Offshore seismic activity in the vicinity of Monday Seamount in October 2006 from detailed epicenter distribution	In-person
2:30-2:45	SSS03-04	Lina Yamaya <i>et al.</i> (山谷 里奈・他)	High-resolution CMT inversion for shallow offshore earthquake utilizing ocean-influenced Rayleigh wave thanks to thick seawater layer	In-person
2:45-3:00	SSS03-05	Viana Poveda Brossard <i>et al.</i>	Spectral characteristics, time variations and estimation of source directions of marine microseisms recorded in Cuba	In-person
3:00-3:15 Poster Flash talks	SSS03-P01	Shunsuke Takemura <i>et al.</i> (武村 俊介・他)		In-person
	SSS03-P02	Koji Tamaribuchi (溜淵 功史)		In-person
	SSS03-P03	Hideto Otsuka <i>et al.</i> (大塚 英人・他)		In-person
	SSS03-P04	Hou-Sheng Cheng <i>et al.</i> (OSPA Entry)		In-person
	SSS03-P05	Kun Chi Ho <i>et al.</i> (OSPA Entry)		In-person
	SSS03-P06	Kai Xun Chen & Yuancheng Gung		In-person

**OPM2:** 27 May, 2024 Mon, 3:30PM–5:00PM (JST)

(Chairs: Lina Yamaya, Takashi Tonegawa, Tatsuya Kubota)

Time (JST)	ID	Authors	Title	Presentation Style (As of 24 May)
3:30-3:45	SSS03-06	Yannis Panayotopoulos <i>et al.</i>	Evidence of a shear zone inside the Philippine Sea plate slab in Suruga Bay, provided by long term OBS observations.	In-person
3:45-4:00	SSS03-07	Dan Bassett <i>et al.</i> <i>(Invited)</i>	Crustal scale controls on megathrust slip behaviour - Insights from margin-wide high-resolution tomography of Nankai Trough and the Hikurangi subduction zone	Online
4:00-4:15	SSS03-08	Kai Xun Chen & Donald W. Forsyth	Lithosphere and Asthenosphere Seismic Structure Beneath the Hawaiian Swell from Rayleigh Wave Dispersion	In-person
4:15-4:30	SSS03-09	Nozomu Takeuchi <i>et al.</i> (竹内 希・他)	Low-Velocity Anomalies beneath the Outer-Rise Regions: A New Type of Abnormal Oceanic Mantle	In-person
4:30-4:45	SSS03-10	Ana Ferreira <i>et al.</i> <i>(Invited)</i>	The UPFLOW experiment: Peeking from the sea floor to the deep mantle with an ~1,500 km aperture array of 50 ocean bottom seismometers in the mid-Atlantic	Online
4:45-5:00 Poster Flash talks	SSS03-P07	Helen A Janiszewski <i>et al.</i>		In-person
	SSS03-P08	Peng Guo <i>et al.</i>		In-person
	SSS03-P09	Takehiro Sato <i>et al.</i> (佐藤 豪大・他)		In-person
	SSS03-P10	Sanxi Ai		<i>Canceled</i>
	SSS03-P11	Debasis D Mohanty & Kazunori Yoshizawa		In-person
	SSS03-P12	Takehi Isse <i>et al.</i> (一瀬 建日・他)		In-person
	SSS03-P13	Zhi Wang		<i>Canceled</i>

**Poster presentations:**

(On-site) May 27, 2024, 5:15PM–6:45PM (JST)

ID	Authors	Title	Availability of <i>In-person</i> presentation (As of 24 May)
SSS03-P01	Shunsuke Takemura <i>et al.</i> (武村 俊介・他)	Estimations for seismic energy and source duration of shallow tremors along the Nankai Trough incorporating the effects of thick sedimentary layer	Yes
SSS03-P02	Koji Tamaribuchi (溜渕 功史)	Monitoring of shallow tremors along the Nankai Trough and identification of false detections	Yes
SSS03-P03	Hideto Otsuka <i>et al.</i> (大塚 英人・他)	Detection of slow slip event from seafloor pressure record using PCA: A case study in Hikurangi Subduction zone	Yes
SSS03-P04	Hou-Sheng Cheng <i>et al.</i> (OSPA Entry)	Ocean infragravity waves at seafloor DONET stations	Yes
SSS03-P05	Kun Chi Ho <i>et al.</i> (OSPA Entry)	Empirical Green's Function Retrieval of Infra-gravity Waves in the Pacific Ocean via Ambient Noise Interferometry	Yes
SSS03-P06	Kai Xun Chen & Yuancheng Gung	Infragravity wave generation and propagation in the Pacific Ocean revealed by ambient noise correlation	Yes
SSS03-P07	Helen A Janiszewski <i>et al.</i>	Noise on Ocean Bottom Seismometers: Observations and New Directions	Yes
SSS03-P08	Peng Guo <i>et al.</i>	Space-time monitoring of seafloor shear-wave velocity changes using seismic ambient noise	Yes
SSS03-P09	Takehiro Sato <i>et al.</i> (佐藤 豪大・他)	Spatio-temporal seismic structural variations and its interpretation revealed from seismic interferometry using OBS records around the northern Japan Trench	Yes
SSS03-P10	Sanxi Ai	<del>Seafloor Rayleigh ellipticity, measured from unoriented data, and its significance for passive seismic imaging in the ocean</del>	<i>Canceled</i>
SSS03-P11	Debasis D Mohanty & Kazunori Yoshizawa	High-resolution Tomographic Imaging of the Indo-Australian Plate with Multimode Surface Waves	Yes
SSS03-P12	Takehi Isse <i>et al.</i> (一瀬 建日・他)	The Oldest-2 array observation: Second seafloor observation to study the lithosphere–asthenosphere system beneath the oldest Pacific Ocean	Yes
SSS03-P13	Zhi Wang	<del>Seismic and thermal structure imaging in NE Japan: New insights into slab melting and arc magmatism</del>	<i>Canceled</i>