

Oral Presentations Summary

Monday		Tuesday		Wednesday		Thursday		Friday	
8:30-8:45	Announcement	8:30-8:50	White	8:30-8:50	Fernandez Viejo	8:30-8:50	Gross	8:30-8:50	Sato
8:45-9:25	Key note, Hasegawa	8:50-9:10	Goleby	8:50-9:10	Mjelde	8:50-9:10	Moore	8:50-9:10	Wu
9:25-10:05	Key note, Ito, T.	9:10-9:30	Mints	9:10-9:30	Robert	9:10-9:30	Ito, K.	9:10-9:30	Ikeda
10:05-10:20	Discussion	9:30-9:50	Korja	9:30-9:50	Goncharov	9:30-9:50	Tsumura	9:30-9:50	Knapp, C.C.
		9:50-10:00	Discussion	9:50-10:00	Discussion	9:50-10:00	Discussion	9:50-10:00	Discussion
10:20-10:50	Break	10:00-10:30	Break	10:00-10:30	Break	10:00-10:30	Break	10:00-10:30	Break
10:50-11:10	Scott	10:30-10:50	Brown	10:30-10:50	Key note, Thybo	10:30-10:50	L'Heureux	10:30-10:50	Koketsu
11:10-11:30	Palomeras	10:50-11:10	Kodaira	10:50-11:10	Knapp, J. H.	10:50-11:10	Hobbs	10:50-11:10	Hole
11:30-11:50	Yoon	11:10-11:30	Snyder	11:10-11:30	Artemieva	11:10-11:30	Okaya	11:10-11:30	Mooney
11:50-12:00	Discussion	11:30-11:50	Key note Iwasaki	11:30-11:50	Key note, Goleby	11:30-11:50	Carpentier	11:30-11:50	Gallart
		11:50-12:00	Discussion	11:50-12:10	Key note, Kodaira	11:50-12:00	Discussion	11:50-12:00	Discussion
				12:10-12:20	Discussion				
12:00	Lunch	12:00	Lunch	12:20	Lunch	12:00	Lunch	12:00	Lunch
13:00-14:00	Poster Session 1	13:00-14:00	Poster Session 1	13:00-14:30	Poster Session 2	13:00-14:00	Poster Session 2		
14:00-14:20	Krawczyk	14:00-14:20	Coffin	14:30	Excursion	14:00-14:20	Zelt		
14:20-14:40	Averill	14:20-14:40	Takahashi			14:20-14:40	Bleibinhaus		
14:40-15:00	Grobys	14:40-15:00	Bannister			14:40-15:00	Buske		
15:00-15:10	Discussion	15:00-15:10	Discussion			15:00-15:10	Discussion		
15:10-15:40	Break	15:10-15:40	Break			15:10-15:40	Break		
15:40-16:00	Stephenson	15:40-16:00	Pavlenkova			15:40-16:00	Abe		
16:00-16:20	Thybo	16:00-16:20	Iidaka			16:00-16:20	Flecha		
16:20-16:40	Li, S. L.	16:20-16:40	Shiomi			16:20-16:40	Jones		
16:40-17:00	Kim	16:40-17:00	Morozov			16:40-17:00	Carbonell		
17:00-17:15	Discussion	17:00-17:15	Discussion			17:00-17:15	Discussion		
17:30-19:00	Poster Session 1	17:30-19:00	Poster Session 1	18:00	Dinner at Kamakura	17:30-19:00	Poster Session 2		
19:00	Dinner	19:00	Dinner		Prince Hotel	19:00	Dinner		
20:00-22:00	Poster Session 1	20:00-22:00	Poster Session 1	21:00-22:00	Poster Session 2	20:00-22:00	Poster Session 2		

ORAL PRESENTATION PROGRAM

September 25th, Monday

8:30-8:45

WELCOME

Japan session

Chair T. Iwasaki

8:45-9:25 JPS-O01 Key note talk

EARTHQUAKES IN JAPAN – THEIR ACTIVITY, GENERATION MECHANISM AND RELATIONSHIP WITH INHOMOGENEOUS LITHOSPHERIC STRUCTURE

Hasegawa, A.

9:25-10:05 JPS-O02 Key note talk

OUTLINES OF THE GEOLOGICAL STRUCTURES AND THEIR EVOLUTION OF THE JAPANESE ISLANDS

Ito, T.

10:05-10:20 Discussion

10:20-10:50 Break

Continental rifts and basins

Chair R. Mjelde

10:50-11:10 CRB-O01

EXTENSIONAL HISTORY OF THE EASTERN BLACK SEA BASIN

Scott, C., Shillington, D., Minshull, T., Edwards, R. and White, N.

11:10-11:30 CRB-O02

WIDE ANGLE SEISMIC REFLECTION CONSTRAINTS ON THE LITHOSPHERE OF SW-IBERIA: IBERSEIS-WA

Palomeras, I., Flecha, I., Carbonell, R., Simancas, F., Ayarza, P., Lovato, F., Lovato, F., Azor, A., Poyatos, D., Gonzales-Lodeiro, F. and Pérez-Estaún, A.

11:30-11:50 CRB-O03

REPROCESSING OF SEISMIC REFLECTION DATA WITH THE COMMON REFLECTION SURFACE STACK METHOD (CRS): NEW INSIGHT INTO THE CRUSTAL STRUCTURE OF NORTHERN GERMANY

Yoon, M., Baykulov, M., Dümmong, S., Brink, H.-J. and Gajewski, D.

11:50-12:00 Discussion

12:00- Lunch

13:00-14:00 Poster session 1

Chair H. Thybo

14:00-14:20 CRB-O04

SUB-SEISMIC STRUCTURE AND DEFORMATION QUANTIFICATION ON DIFFERENT SCALES FROM 3D REFLECTION SEISMICS IN THE NORTH GERMAN BASIN

Krawczyk, C.M., Lohr, T., Tanner, D.C., Endres, H., Trappe, H., Oncken, O. and Kukla, P.

14:20-14:40 CRB-005

CRUSTAL STRUCTURE AND EVOLUTION OF THE SOUTHERN RIO GRANDE RIFT, USA

Averill, M.G. and Miller, K.C.

14:40-15:00 CRB-006

SEISMIC ANALYSIS AND MODELS FROM A RIFTED SUBMARINE PLATEAU OF CONTINENTAL ORIGIN: GREAT SOUTH BASIN AND BOUNTY TROUGH (NEW ZEALAND)

Grobys, J., Gohl, K., Uenzelmann-Neben, G., Davy, B., Barker D. and Deen, T.

15:00-15:10 Discussion

15:10-15:40 Break

Chair B. Goleby

15:40-16:00 CRB-007

THERMAL REFRACTION AND THE RHEOLOGICAL BASIS OF “COLD” INTRAPLATE DEFORMATION: SEISMICALLY AND GEOLOGICALLY CONSTRAINED NUMERICAL MODEL OF THE DONBAS FOLDBELT

Stephenson, R.A., Hansen, D.L. and Nielsen, S.B.

16:00-16:20 CRB-008

BAIKAL EXPLOSION SEISMIC TRANSECTS

Thybo, H., Nielsen, C., Jensen, M.-B., Suvorov, V.D. and Perchuc, E.

16:20-16:40 CRB-009

CRUSTAL STRUCTURE OF MAINLAND CHINA FROM DEEP SEISMIC SOUNDING DATA

Li, S.L., Mooney, W.D. and Fan, J.C.

16:40-17:00 CRB-010

CRUSTAL STRUCTURE OF THE SOUTHERN KOREAN PENINSULA FROM LARGE EXPLOSIONS

Kim, K.Y., Hong, M.H., Lee, J.M., Moon, W., Baag, C.E. and Jung, H.

17:00-17:15 Discussion

17:30-19:00 Poster session 1

19:00- Dinner

20:00-22:00 Poster session 1

September 26th, Tuesday

Chair S. Bannister

8:30-8:50 CRB-011

MELT INTRUSION IN THE CRUST AT RIFTED MARGINS AND BACK-ARC BASINS

White, R.S., Smith, L.K, Harrison, A.J. and iSIMM Working Group

Intra-continental collision and accretion

8:50-9:10 ICA-001

THE AUSTRALIAN CRUST, ARCHAEOAN TO PALAEOZOIC ARCHITECTURE: RESULTS FROM AUSTRALIA'S DEEP SEISMIC PROGRAM

Goleby, B.R., Jones, L.E.A, Fomin, T., Barton, T., Costello, R. and Tassel, H.

9:10-9:30 ICA-O02

**DEEP CRUSTAL STRUCTURE, ORIGIN AND EVOLUTION OF THE
PALAEOPROTERO-ZOIC LAPLAND-MIDRUSSIA-SOUTH BALTIA
INTERCONTINENTAL COLLISION OROGEN, EAST-EUROPEAN CRATON**

Mints, M.V., Suleimanov, A.K., Philippova, I.B., Zamozhniaya, N.G., Stupak, V.M., Babayants, P.S.,
Blokh, Yu.I. and Trusov, A.A.

9:30-9:50 ICA-O03

SEISMIC IMAGES OF THE SVECOFENNIAN OROGEN

Korja, A., Heikkinen, P., Tiira, T., Hyvönen, T. and FIRE Working Group

9:50-10:00 Discussion

10:00-10:30 Break

Seismic investigations related to mineral resources and volcano-plutonic system

Chair M. F. Coffin

10:30-10:50 SMV-O01

**4DEEP SEISMIX: TIME LAPSE IMAGING OF MAGMA BENEATH MONTESERRAT- A
FEASIBILITY STUDY**

Brown, L., Maheshwari, R., and Stephenson, M.

10:50-11:10 SMV-O02

**VARIABLE GROWTH OF CONTINENTAL CRUST IN THE IZU-BONIN INTRA-OCEANIC
ARC REVEALED BY ACTIVE SOURCE SEISMIC STUDIES**

Kodaira, S., Sato, T., Takahashi, N., Miura, S., Ito, A. and Kaneda, Y.

11:10-11:30 SMV-O03

**TECTONIC AND METALLOGENIC IMPLICATIONS OF REGIONAL SEISMIC
PROFILES IN THE TIMMINS MINING CAMP, CENTRAL SUPERIOR CRATON OF
CANADA**

Snyder, D.B. and Bleeker, W.

Japan session

11:30-11:50 PS-O03 Key note talk

**JAPAN TRANSECT – OVERVIEW OF RECENT SEISMIC EXPEDITIONS IN JAPAN –
Iwasaki, T.**

11:50-12:00 Discussion

12:00- Lunch

13:00-14:00 Poster session 1

Active continental margins

Chair R. S. White

14:00-14:20 ACM-O01

**ACTIVE OBDUCTION OF OCEANIC LITHOSPHERE: THE UPPER CRUST OF THE
ONTONG JAVA PLATEAU**

Coffin, M.F., Inoue, H., Mann, P. and Taira, A.

14:20-14:40 ACM-O02

SEISMIC SECTIONS ACROSS IZU-OGASAWARA (BONIN)-MARIANA ARC: FORMING CONTINENTAL CRUST IN OCEANIC ISLAND ARCS

Takahashi, N., Kodaira, S., Kaiho, Y., Miura, S., Sato, T., Yamashita, M., No, T., Takizawa, K. and Kaneda, Y.

14:40-15:00 ACM-O03

IMAGING THE SUBDUCTION DECOLLEMENT, HIKURANGI SUBDUCTION ZONE, NEW ZEALAND

Bannister, S., Toulmin, S., Sutherland, R., Henrys, S., Reyners, M., Pecher, I., Barker, D., Uruski, C. and Maslen, G.

15:00-15:10 Discussion

15:10-15:40 Break

Chair L. Brown

15:40-16:00 ACM-O04

CRUSTAL STRUCTURE IN CHILE AND OCHOTSK SEA REGIONS

Pavlenkova, N.I., Pilipenko, V.N., Verpachovskaja, A.O. and Pavlenkova, G.A.

16:00-16:20 ACM-O05

HETEROGENEOUS STRUCTURE AT NKTZ REVEALED BY THE RECEIVER FUNCTION AND SHEAR-WAVE SPLITTING ANALYSES WITH THE DATA OF THE JOINT SEISMIC OBSERVATIONS.

Iidaka, T., Igarashi, T., Iwasaki, T., Shibutani, T., Hiramatsu, Y. and Japanese University Group of the Joint Seismic Observations at NKTZ

16:20-16:40 ACM-O06

COMPLEX GEOMETRY OF PHILIPPINE SEA SLAB BENEATH CENTRAL AND SOUTHWESTERN JAPAN AND THE RELATIONSHIP WITH LOCAL SEISMICITY

Shiomi, K., Matsubara, M. and Obara, K.

16:40-17:00 ACM-O07

RECEIVER FUNCTIONS FROM TRENCH-ZONE SCATTERING: RESULTS FROM 1D AND 3D FINITE-DIFFERENCE MODELLING

Morozov, I. B. and Zheng, H.

17:00-17:15 Discussion

17:30-19:00 Poster session 1

19:00- Dinner

20:00-22:00 Poster session 1

September 27th, Wednesday

Passive continental margins

Chair J. H. Knapp

8:30-8:50 PCM-O01

SEISMIC EVIDENCES OF THE CONSUMPTION OF THE SOUTHERN MARGIN OF BAY OF BISCAY DURING THE ALPINE COMPRESSION

Fernández Viejo G., Pulgar, J.A., Gallastegui, J., Gallart, J. and MARCONI Team.

8:50-9:10 PCM-O02

CRUSTAL TRANSECT ACROSS THE NORTH ATLANTIC

Mjelde, R., Breivik, A.J. and Faleide, J.I.

9:10-9:30 *PCM-O03*

CRUSTAL STRUCTURE OF THE FAROES NORTH ATLANTIC MARGIN FROM WIDE-ANGLE SEISMIC DATA

Roberts, A.W., White, R.S. and iSIMM team

9:30-9:50 *PCM-O04*

BASEMENT AND CRUST IN THE SW AUSTRALIA FROM ONSHORE/OFFSHORE SEISMIC EXPERIMENT: IMPLICATIONS FOR HYDROCARBON MATURATION

Goncharov, A., Deighton, I., Petkovic, P., Tassell, H. and McLaren, S.

9:50-10:00 Discussion

10:00-10:30 Break

The continental mantle

Chair W. D. Mooney

10:30-10:50 *TCM-O01 Key note talk*

FINE SCALE HETEROGENEITY IN THE EARTH'S CRUST AND MANTLE

Thybo, H.

10:50-11:10 *TCM-O02*

EVIDENCE FOR ACTIVE LOWER-CRUSTAL CONTINENTAL DELAMINATION IN THE VRANCEA SEISMOGENIC ZONE OF ROMANIA FROM PROJECT DRACULA

Knapp, J. H., Fillerup, M. A. and Knapp, C. C.

11:10-11:20 *TCM-O03*

COMPOSITIONAL VARIATIONS IN THE CONTINENTAL LITHOSPHERE CONSTRAINED BY SEISMIC TOMOGRAPHY DATA

Artemieva, I.M.

Classic transect

11:20-11:50 *CTS-O01 Key note talk*

IGCP PROJECT 474: IMAGES OF THE EARTH'S CRUST & UPPER MANTLE

Goleby, B., Brown, L., Cook, F., Oncken, O., Fuis, G., Hobbs, R., Li, S. and Finlayson, D.

Japan session

11:50-12:10 *JPS-O04 Key note talk*

MEGATHRUST EARTHQUAKES AND SUBDUCTION STRUCTURES: LESSONS FROM THE NANKAI SEISMOGENIC ZONE

Kodaira, S.

12:10-12:20 Discussion

12:20- Lunch

13:00-14:30 Poster session 2

14:30- Excursion

18:00- Dinner at Kamakura Prince Hotel

21:00-22:00 Poster session 2

September 28th, Thursday

Subduction structures of megathrust zones

Chair H. Sato

8:30-8:50 SSM-O01

REFLECTION SEISMIC IMAGING OF THE SUBDUCTION ZONE IN SOUTHERN CENTRAL CHILE

Gross, K., Buske, S., Wigger, P. and TIPTEQ Research Group, Seismics Team

8:50-9:10 SSM-O02

3D IMAGES OF THE KUMANO BASIN REGION, JAPAN: NANTROSEIZE IODP SURVEY

Moore, G.F., Yoro, T., Bangs, N.L. and Tanaka, H.

9:10-9:30 SSM-O03

VELOCITY STRUCTURES, REFLECTORS, SEISMICITY AND LOW-FREQUENCY TREMORS RELATING TO SUBDUCTION OF THE PHILIPPINE SEA PLATE IN THE KINKI DISTRICT, SOUTHWEST JAPAN

Ito, K., Sato, H., Ito, T., Hirose, I., Shibutani, T., Umeda, Y., Hirata, N., Abe, S., and Ikawa T.

9:30-9:50 SSM-O04

CRUSTAL STRUCTURE ASSOCIATED WITH THE SUBDUCTING PHILIPPINE SEA PLATE BENEATH THE SOUTHERN PART OF THE BOSO PENINSULA, JAPAN

Tsumura, N., Komada, N., Sano, J., Kikuchi, S., Ito, T., Miyauchi, T., Sato, T., Kikuchi, Y., Kawamura, T., Sato, H., Iwasaki, T., Shishikura, M., Abe, S., Kawanaka, T., S. Suda, S., Higashinaka, M. and Ikawa, T.

9:50-10:00 Discussion

10:00-10:30 Break

Numerical modeling of heterogeneity and anisotropy

Chair C. A. Zelt

10:30-10:50 NHA-O01

HETEROGENEITY AND SEISMIC SCATTERING IN EXPLORATION ENVIRONMENTS

L'Heureux, E., Milkereit, B. and Vasudevan, K.

10:50-11:10 NHA-O02

PRIDE & PREJUDICE IN THE INVERSION OF LONG-OFFSET SEISMIC DATA

Hobbs, R. W., Flecha, I. and Carbonell, R.

11:10-11:30 NHA-O03

IMPRINT OF CRUSTAL SEISMIC ANISOTROPY ONTO MANTLE SHEAR-WAVE SPLITS: CALIBRATED NUMERICAL TESTS

Okaya, D.A. and Wu, F.T.

11:30-11:50 NHA-O04

CONSERVATION OF LITHOLOGY POWER LAW STRUCTURE IN SEISMIC REFLECTION DATA UNDER VARIOUS CIRCUMSTANCES

Carpentier, S.F.A. and Roy-Chowdhury, K.

11:50-12:00 Discussion

12:00- Lunch

13:00-14:00 Poster session 2

Innovative seismic acquisition and processing techniques

Chair R. W. Hobbs

14:00-14:20 IAP-O01

FINITE-FREQUENCY TRAVELTIME TOMOGRAPHY FOR ACTIVE-SOURCE SEISMIC DATA

Zelt, C.A.

14:20-14:40 IAP-O02

APPLYING FULL WAVEFORM INVERSION TO WIDE-ANGLE SEISMIC SURVEYS

Bleibinhaus, F., Lester, W.R. and Hole, J.A.

14:40-15:00 IAP-O03

FRESNEL-VOLUME-MIGRATION OF DEEP SEISMIC REFLECTION DATA

Buske, S., Chalbaud, D., Gross, K., Sick, C., Shapiro, S. and Wigger, P.

15:00-15:10 Discussion

15:10-15:40 Break

Chair D. A. Okaya

15:40-16:00 IAP-O04

PRESTACK IMAGING OF TELESEISMIC BODY WAVES: A COMPARISON OF RECEIVER FUNCTION ANALYSIS AND SEISMIC INTERFEROMETRY

Abe, S., Kurashimo, E., Sato, H., Hirata, N., Iwasaki, T., Ito, T. and Kawanaka, T.

16:00-16:20 IAP-O05

SOME IMPROVEMENTS ON SEISMIC IMAGING BY PRE-STACK DEPTH MIGRATION

Flecha, I., Palomeras, I., Carbonell, R., Zeyen, H. and Hobbs, R. W.

16:20-16:40 IAP-O06

IMAGING STEEP DIPS: EXAMPLES FROM AUSTRALIAN SEISMIC SURVEYS

Jones, L.E.A.

16:40-17:00 IAP-O07

HIGH-RESOLUTION SEISMIC CHARACTERIZATION IN A COMPLEX URBAN AREA

Martí, D., Font-Capó, J., Flecha, I., Palomeras, I., Vázquez-Suñé, E., Carbonell, R. and Pérez-Estaún, A.

17:00-17:15 Discussion

17:30-19:00 Poster session 2

19:00- Dinner

20:00-22:00 Poster session 2

September 29th, Friday

Seismic investigations for disastrous earthquake areas

Chair J. A. Hole

8:30-8:50 SDE-O01

REGIONAL CHARACTERIZATION OF THE CRUST IN THE TOKYO METROPOLITAN AREA, CENTRAL JAPAN

Sato, H., Hirata, N., Abe, S., Okaya, D., Iwasaki, T., Ito, T., Kasahara, K., Kato, N., Koketsu, K., Hagiwara, Ikawa, T., Kawanaka, T., Wu, F. and Matsubara, M.

8:50-9:10 SDE-O02

HIGH RESOLUTION TOMOGRAPHY OF KANTO-IZU AND ITS IMPLICATIONS ON TECTONICS AND SESIMIC HAZARDS

Wu, F.T., Okaya, D.A., Hirata, N. and Sato, H.

9:10-9:30 SDE-O03

SEISMIC REFLECTION PROFILING ACROSS THE ITOIGAWA-SHIZUOKA TECTONIC LINE, CENTRAL JAPAN: ACTIVE NAPPE WITH A HIGH SLIP RATE

Ikeda, Y., Iwasaki, T., Kano, K., Ito, T., Sato, H., Tajikara, M., Higashinaka, M., Kozawa, T. and Kawanaka, T.

9:30-9:50 SDE-O04

SOUTHEASTERN CARPATHIAN FORELAND DEFORMATION IN RELATION TO THE VRANCEA SEISMOGENIC ZONE OF ROMANIA: RESULTS FROM PROJECT DRACULA

Knapp, C. C., Knapp, J. H. and Mucuta, D. M.

9:50-10:00 Discussion

10:00-10:30 Break

Integrated multidisciplinary case studies

Chair R. Carbonell

10:30-10:50 IMC-O01

INTEGRATED MODELING OF A 3-D VELOCITY STRUCTURE FOR STRONG GROUND MOTION SIMULATION

Koketsu, K., Miyake, H., Tanaka, Y. and Hikima, K.

10:50-11:10 IMC-O02

STRUCTURE OF THE SAN ANDREAS FAULT AT THE SAFOD DEEP DRILL SITE

Hole, J. A., Bleibinhaus, F., Ryberg, T. and Fuis, G. S.

11:10-11:30 IMC-O03

FAULT ZONES FROM TOP TO BOTTOM: A GEOPHYSICAL PERSPECTIVE

Mooney, W. D., Beroza, G. and Kind, R.

11:30-11:50 IMC-O04

HIGH RESOLUTION SEISMIC IMAGING OF THE IBERIAN LITHOSPHERE: THE TOPO-IBERIA RESEARCH INITIATIVE

TOPO-Iberia/PICASSO Working group, (Carbonell, R., Gallart, J., Fernandez, M., Gonzalez-Lodeiro, F., Levander, A., Hausmann, G., Jones, A. G. and Thybo, H.)

11:50-12:00 Discussion

12:00- Lunch

POSTER PRESENTATION PROGRAM

Poster session 1

September 25th, Monday - September 26th Tuesday

Continental rifts and basins

CRB-P01

ESTRID-1: REFRACTION SEISMIC INVESTIGATIONS OF THE DANISH BASIN

Sandrin, A., Nielsen, L. and Thybo, H.

CRB-P02

ESTRID-2: REFLECTION SEISMIC PROFILING IN THE DANISH BASIN

Nielsen, C., Shulgin, A., Nielsen, L. and Thybo, H.

CRB-P03

SUB-SEISMIC STRUCTURE AND DEFORMATION QUANTIFICATION ON DIFFERENT SCALES FROM 3D REFLECTION SEISMICS IN THE NORTH GERMAN BASIN

Krawczyk, C.M., Lohr, T., Tanner, D.C., Endres, H., Trappe, H., Oncken, O. and Kukla, P.

CRB-P04

DEEP SEISMIC IMAGING AND CRUSTAL STRUCTURE IN THE ZONES OF MAJOR OIL FIELDS

Trofimov, V. A.

CRB-P05

SEISMIC TOMOGRAPHY MODELLING OF THE EASTERN BLACK SEA BASIN.

Scott, C., Shillington, D., Minshull, T., Edwards, R. and White, N

CRB-P06

BAIKAL EXPLOSION SEISMIC TRANSECTS

Thybo, H., Nielsen, C., Jensen, M.-B., V.D.Suvorov, V.D. and Perchuc, E.

CRB-P07

TECTONIC SUBSIDENCE AND CRUSTAL STRUCTURE OF XIHU DEPRESSION, EAST CHINA SEA BASIN

Li, C.-F., Zhou, Z., Ge, H. and Mao, Y.

CRB-P08

TOMOGRAPHIC IMAGES OF THE UPPER CRUST FROM THE YANYUAN BASIN TO THE DALIANG MOUNTAINS, SOUTHWEST SICHUAN PROVINCE: RESULTS FROM THE XICHANG REGION SEISMIC REFRACTION EXPERIMENT

Wang, F., Duan, Y. and Yang, Z.

CRB-P09

SEISMIC REFLECTION AND GPS EVIDENCE FOR DISTRIBUTED CRUSTAL EXTENSION IN THE EASTERN BASIN AND RANGE, WESTERN USA

Velasco, M.S., Johnson, R.A., Bennett, R.A. and Porter, R.C.

CRB-P10

METAMORPHIC CORE COMPLEX EMPLACEMENT AND BASIN FORMATION IN SOUTHEASTERN ARIZONA, USA

Arca, M.S., Wagner, F.H., III and Johnson, R.A.

CRB-P11

COMPLEXITIES OF THE WESTERN MARGIN OF THE TRANS-HUDSON OROGEN IN SASKATCHEWAN, CANADA

Hajnal, Z., Pandit, B., Sule, S. and White, D.

CRB-P12

STRONG SEISMIC REFLECTIONS FROM THE UPPER MANTLE OF A CONTINENTAL BACK-ARC

Benson, A.B., Stern, T.A. and Bannister, S.C.

Intra-continental collision and accretion

ICA-P01

3D STRUCTURE OF THE EASTERN ALPS FROM DEEP SEISMIC WIDE-ANGLE DATA

Bleibinhaus, E., Behm, M., Brückl, E. and ALP 2002 Working Group

ICA-P02

SEISMIC IMAGES OF THE SVECOFENNIAN OROGEN

Korja, A., Heikkinen, P., Tiira, T., Hyvönen, T. and FIRE Working Group

ICA-P03

COMBINED CDP-DSS STUDIES ALONG PROFILE 1-EB (EAST-EUROPEAN CRATON)

Suleimanov A.K., Samozhnyaya N.G. and Pavlenkova N.I.

ICA-P04

MIDRUSSIA SEGMENT OF THE PALAEOPROTEROZOIC LAPLAND-MIDRUSSIA-SOUTHBALTIA INTERCONTINENTAL COLLISION OROGEN, EAST-EUROPEAN CRATON: INTEGRATION OF REGIONAL POTENTIAL FIELDS AND CDP DATA ALONG THE 1-EU GEOTRAVERSE

Mints, M.V., Suleimanov, A.K., Philippova, I.B., Zamozhniaya, N.G., Babayants, P.S., Blokh, Yu.I. and Trusov, A.A.

ICA-P05

FINE UPPER CRUSTAL STRUCTURE IN EASTERN KUNLUN ACTIVE FAULT BELT AND ITS ADJACENT AREA

Zhang, X., Xu, Z. and Wang, F.

ICA-P06

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**COMPLEX GEOMETRY OF PHILIPPINE SEA SLAB BENEATH CENTRAL AND
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**SEISMIC VELOCITY MEASUREMENTS ACROSS A HIGHLY OBLIQUE SUBDUCTION
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Magnani, M.B., Zelt, C., Guede, M., Clark, S., Arogunmati, A., Niu, F., Levander, A. and Christeson, G.

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CRUSTAL EVOLUTION OF THE SOUTHWESTERN KURIL ARC

Nakanishi, A., Kurashimo, E., Tatusmi, Y., Yamaguchi, H., Miura, S., Kodaira, S., Obana, K.,

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SEISMIC SECTIONS ACROSS HOKKAIDO - CRUSTAL DEFORMATION ASSOCIATED WITH ARC-ARC COLLISION -

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SEISMIC SECTIONS ACROSS NORTHERN HONSHU, JAPAN: A CLASSIC TRENCH-ARC-BACK ARC SYSTEM

Sato, H., Iwasaki, T., Takahashi, N. and Kato, N.

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SEISMIC SECTIONS ACROSS THE CENTRAL PART OF NORTHERN HONSHU, JAPAN: A TRANSECT ACROSS A CHAIN OF HAZARD EARTHQUAKES.

Yokokura, T., Fujie, G., Ito, A., Tsuru, T., Sato, H. and Kato, N.

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SEISMIC SECTIONS ACROSS THE IZU COLLISION ZONE, CENTRAL JAPAN: ON-GOING ARC-ARC COLLISION SYSTEM

Sato, H., Iwasaki, T., Kodaira, S., Kato, N., Abe, S. and Ito, T.

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SEISMIC SECTIONS ACROSS THE TOKAI-CHUBU REGION, CENTRAL JAPAN: AN AREA OF FUTURE MEGATHRUST EARTHQUAKES

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SEISMIC SECTIONS ACROSS THE KINKI DISTRICT: SUBDUCTING PHILIPPINE SEA PLATE FROM THE NANKAI TROUGH

Ito, K., Sato, H., Ito, T., Nakanishi, A., Kodaira, S., Umeda, Y., Hirose, I., Hirata, N., Miura, S., Ito, A., Sato, T., Park, J., Kaneda, Y., Abe, S., Kawanaka, T., and Ikawa, T.

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SEISMIC SECTIONS ACROSS SHIKOKU-CHUGOKU DISTRICT, SOUTHWEST JAPAN: A TYPICAL CRUSTAL STRUCTURE OF THE JAPANESE ISLAND ARC

Ito, T., Kodaira, S., Sato, H., Kaneda, Y., Iwasaki, T., Kurashimo, E., Miller, K., Harder, S., Abe, S., Sato, T. and Onishi, M.

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SEISMIC SECTIONS IN AND AROUND THE KYUSYU ISLAND: ACCRETION PROCESSES AT THE WESTERN EDGE OF THE NANKAI TROUGH

Kodaira, S., Ito, T., Iwasaki, T., Park, J.-O., Ikawa, T., Takemura, K. and Kaneda, Y.

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SEISMIC SECTIONS IN AND AROUND RYUKYU ISLAND ARC – SUBDUCTION SYSTEM WITH ONGOING BACKARC SPREADING -

Iwasaki, T. and Kodaira, S.

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SEISMIC SECTIONS ALONG THE IZU-BONIN ARC: VARIABLE GROWTH OF CONTINENTAL CRUST IN AN INTRA OCEANIC ARC

Sato, T., Kodaira, S., Takahashi, N., Miura, S., Ito, A. and Kaneda, Y.

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SEISMIC SECTIONS ACROSS IZU-OGASAWARA (BONIN)-MARIANA ARC: FORMING CONTINENTAL CRUST IN OCEANIC ISLAND ARCS

Takahashi, N., Kodaira, S., Kaiho, Y., Miura, S., Sato, T., Yamashita, M., No, T., Takizawa, K. and

Kaneda, Y.

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IGCP PROJECT 474: IMAGES OF THE EARTH'S CRUST & UPPER MANTLE

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PROTEROZOIC INTRA-CONTINENTAL COLLISIONS – ARUNTA-TANAMI AND THE GAWLER-CURNAMONA

Goleby, B.R., Lyons, P., Jones, L.E.A. and Fomin, T.

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CLASSIC TRANSECT: INDEPTH PROFILE ACROSS THE HIMALAYA-TIBET PLATEAU

Brown, L., Wenjin, Z. and Project INDEPTH Team

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FINE CRUST STRUCTURE IN NORTHERN MARGIN AREA OF TIANSHAN MOUNTAINS REVEALED BY DEEP SEISMIC REFLECTION PROFILING

Liu, B., Shen, J., Zhang, X., Song, H. and Fang, S.

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THE AGULHAS-KAROO GEOSCIENCE TRANSECT: UNRAVELLING A BILLION YEAR HISTORY OF CONTINENTAL ACCRETION AND SEPARATION IN SOUTHERN AFRICA

Parsiegla, N., Gohl, K., Ritter, O., Weckmann, U., Ryberg, T., Stankiewicz, J., de Wit, M. and Uenzelmann-Neben, G.

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SEISMIC PROFILING ACROSS THE ARCTIC: DISTINGUISHING CONTINENTAL AND OCEANIC CRUST

Lebedeva-Ivanova N.N., Gee, D.G., Langinen, A.E. and Zamansky, Yu.Ya.

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DEEP SEISMIC INVESTIGATIONS IN THE BARENTS AND KARA SEAS

Roslov, Yu.V., Sakulina, T.S. and Pavlenkova, N.I.

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SEISMIC EVIDENCE OF THE CONSUMPTION OF THE SOUTHERN MARGIN OF BAY OF BISCAY DURING THE ALPINE COMPRESSION.

Fernández Viejo G., Pulgar, J.A., Gallastegui, J., Gallart, J. and MARCONI Team.

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DEEP CRUSTAL STRUCTURE OF THE SHEARED SOUTH AFRICAN CONTINENTAL MARGIN

Parsiegla, N., Gohl, K. and Uenzelmann-Neben, G.

The continental mantle

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EVIDENCE FOR ACTIVE LOWER-CRUSTAL CONTINENTAL DELAMINATION IN THE VRANCEA SEISMOGENIC ZONE OF ROMANIA FROM PROJECT DRACULA

Knapp, J.H., Fillerup, M. A. and Knapp, C. C.

TCM-P02

DEEP EUROPE TODAY: GEOPHYSICAL SYNTHESIS OF THE UPPER MANTLE STRUCTURE AND LITHOSPHERIC PROCESSES OVER 3.5 GA

Artemieva, I.M., Thybo, H. and Kaban, M.K.

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CAN TEMPERATURE VARIATIONS ALONE EXPLAIN LARGE-SCALE V_s AND Q_s VARIATIONS IN THE CONTINENTAL LITHOSPHERE?

Artemieva, I.M., Billien, M., L  v  que, J.J. and Mooney, W.D.

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COMPOSITIONAL VARIATIONS IN THE CONTINENTAL LITHOSPHERE CONSTRAINED BY SEISMIC TOMOGRAPHY DATA

Artemieva, I.M.

TCM-P05

FINE SCALE HETEROGENEITY IN THE EARTH'S CRUST AND MANTLE

Thybo, H. and Nielsen, L.

TCM-P06

DIFFERENCES IN DEPTH OF UPPER MANTLE DISCONTINUITIES BENEATH THE ALPS AND THE VARISCIDES FROM WAVEFORM ANALYSIS OF SELECTED EARTHQUAKES

Nita, B., Perchuc, E. and Thybo, H.

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CHARACTERISTIC DIFFERENCES IN TRAVELTIME CURVES FOR 'COLD' AND 'HOT' MODELS OF THE UPPER MANTLE FROM SELECTED EARTHQUAKES FROM THE NORTH AMERICA AND EUROPE

Perchuc, E., Malinowski, M., Nita, B. and Thybo, H.

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UPPER MANTLE STRUCTURE OF NORTHERN EURASIA FROM PEACE NUCLEAR EXPLOSION DATA

Pavlenkova, N.I. and Pavlenkova, G.A.

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THE STRUCTURE OF MOHO BOUNDARY FOR RUSSIA, ADJOINING REGIONS & SEAS

Erinchev, Yu. M., Milshtein, E. D. and Egorkin, A.V.

Subduction structures of megathrust zones

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DEVELOPMENT OF HORST-GRABEN STRUCTURE AT THE IZU-BONIN (OGASAWARA) TRENCH

Takeda, T., Ito, Y., Kasahara, K. and Kimura, H.

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CRUSTAL STRUCTURE BENEATH THE SOURCE REGION OF M7-CLASS EARTHQUAKES OFF IBARAKI PREFECTURE

Mochizuki, K., Yamada, T., Shinohara, M. and Kanazawa, T.

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QUASI-3D IMAGE OF THE ASEISMIC SLAB OF THE PHILIPPINE SEA PLATE BENEATH THE NORTHWEST OF IZU-TANZAWA COLLISION ZONE

Kikuchi, S., Sato, H., Hirata, N., Iwasaki, T., Ikeda, Y., Ito, T., Tsumura, N., Kawanaka, T., Abe, S., Kozawa, T. and Higashinaka, M.

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TIPTEQ 2005 NVR – ATTEMPT OF DATA-DRIVEN TRUE-AMPLITUDE PROCESSING

Stiller, M., Calisto, I., Micksch, U., Krawczyk, C., Bataille, K. and TIPTEQ working group

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REFLECTION SEISMIC SURVEY ACROSS THE SEISMOGENIC COUPLING ZONE IN SOUTHERN CENTRAL CHILE AT 38° S (PROJECT TIPTEQ)

Micksch, U., Krawczyk, C. M., Stiller, M. and TIPTEQ Research Group, Seismics Team

SSM-P06

REFLECTION SEISMIC IMAGING OF THE SUBDUCTION ZONE IN SOUTHERN CENTRAL CHILE

Gross, K., Buske, S., Wigger, P. and TIPTEQ Research Group, Seismics Team

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A MCS-OBS SURVEY OF THE GREAT 1906 ECUADOR-COLOMBIA EARTHQUAKE

Collot, J.-Y. , Marcaillou, B. and Agudelo, W.

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THERMAL VARIATION, TECTONIC SEGMENTATION AND SEISMIC RUPTURE ZONES ALONG THE N ECUADOR – S COLOMBIAN MARGIN.

Marcaillou, B., Spence, G., Collot, J.-Y., Wang, K. and Ribodeti, A.

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SEISMIC REFLECTION IMAGING OF THE SUBDUCTION DECOLLEMENT, HIKURANGI SUBDUCTION ZONE, NEW ZEALAND

Barker, D., Sutherland, R., Bannister, S., Toulmin, S., Henrys, S., Reyners, M., Pecher, I., Uruski, C. and Maslen, G.

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SUBDUCTION STRUCTURE OF THE NANKAI TROUGH SUBDUCTION SEISMOGENIC ZONE, RELATED TO INTRASLAB EARTHQUAKES

Nakanishi, A., Kodaira, S., Miura, S., Ito, A., Sato, T., Park, J. O., Obana, K. and Kaneda, Y.

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REGIONAL VARIATION OF THE VELOCITY STRUCTURE IN THE NORTHERN JAPAN TRENCH SUBDUCTION ZONE

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SEISMIC IMAGING OF CONTINENTAL LOWER CRUST – ASPECTS, INSIGHTS, POSSIBILITIES

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THERMOBARIC SEISMIC STRATIFICATION OF THE LITHOSPHERE

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STRUCTURE BENEATH SUDETES MOUNTAINS FROM ACTIVE SEISMIC EXPERIMENTS - 2D AND 3D CRUSTAL MODELS AND THEIR UNCERTAINTIES

Majdański, M., Grad, M., Guterch, A., POLONAISE'97, CELEBRATION 2000, ALP 2002 and SUDETES 2003 Working Groups

Innovative seismic acquisition and processing techniques

IAP-P01

HOW TO MAKE TURNING RAY TOMOGRAPHY INVERSION?

Kashubin, A.S., Rybalka, A.V. and Shkred, I.G.

IAP-P02

FINITE-FREQUENCY TRAVELTIME TOMOGRAPHY FOR ACTIVE-SOURCE SEISMIC DATA

Zelt, C.A.

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FRESNEL-VOLUME-MIGRATION OF DEEP SEISMIC REFLECTION DATA

Buske, S., Chalbaud, D., Gross, K., Sick, C., Shapiro, S. and Wigger, P.

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PRESTACK IMAGING OF TELESEISMIC BODY WAVES: A COMPARISON OF RECEIVER FUNCTION ANALYSIS AND SEISMIC INTERFEROMETRY

Abe, S., Kurashimo, E., Sato, H., Hirata, N., Iwasaki, T., Ito, T and Kawanaka, T.

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WIDE-ANGLE SEISMIC ACQUISITION WITH DIGITAL ACCELEROMETERS FOR THE IMAGING OF SEISMOGENIC AND ACTIVE-FAULT SYSTEMS

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MULTICHANNEL SEISMIC IMAGING OF THE MEDITERRANEAN OUTFLOW WATER PATTERNS IN THE GULF OF CADIZ

Biescas, B., Klaeschen, D., Carbonell, R. and GO-GEOCEAN Research Group

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Jones, L.E.A

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ADVANCES IN PROCESSING: 2005 TANAMI SEISMIC SURVEY, AUSTRALIA

Jones, L.E.A

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METHODOLOGY OF OFF- AND ONSHORE JOINT SEISMIC PROFILING: AN EXAMPLE OF BOSO 2005 EXPERIMENT CONDUCTED IN THE SOUTHERN PART OF THE BOSO PENINSULA, JAPAN

Komada, N., Tsumura, N., Ito, T., Miyauchi, T., Sato, T., Kikuchi, S., Yamamoto, S., Suda, S., Higashinaka, M. and Kawanaka, T.

IAP-P10

ENGINEERING APPLICATIONS OF HIGH-RESOLUTION SEISMIC TECHNIQUES: TUNNEL DRILLING

Álvarez-Marrón, J., Martí, D., Flecha, I., Palomeras, I., Vázquez-Suñé, E., Font-Capó, J., Carbonell, R. and Pérez-Estaún, A.

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INTEGRATED SEISMIC IMAGE USING CONVENTIONAL MCS AND WIDE-ANGLE REFLECTION OBS DATA

Miura, S., Tsuru, T., Fujie, G., Nakajima, G. and Asakawa, E.

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TOWARDS INTEGRATED OPEN-SOURCE COMMUNITY GEOPHYSICAL SOFTWARE FOR CRUSTAL STUDIES

Morozov, I. B.

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EFFECTS ON CONVENTIONAL AVO ANALYSIS OF WOLLASTON LAKE REFLECTOR, TRANS HUDSON OROGEN

Ma, J., and Morozov, I. B.

Seismic investigations for disastrous earthquake areas

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DEEP SEISMIC REFLECTION PROFILING ACROSS THE KINKI TRIANGLE ZONE, SW JAPAN: DEEP GEOMETRY OF DENSELY DISTRIBUTED ACTIVE REVERSE FAULTS

Sato, H., Ito, K., Abe, S., Hirata, N., Iwasaki, T., Kato, N., Ikawa, T. and Kawanaka, T.

SDE-P02

DEEP STRUCTURE AND SEISMICITY IN THE KINKI DISTRICT, NORTHWEST JAPAN, AS REVEALED BY SEISMIC REFRACTION AND WIDE-ANGLE REFLECTION SURVEYS

Hirose, I. and Ito, K.

SDE-P03

SEISMIC REFLECTION PROFILING ACROSS THE ITOIGAWA-SHIZUOKA TECTONIC LINE, CENTRAL JAPAN: ACTIVE NAPPE WITH A HIGH SLIP RATE

Ikeda, Y., Iwasaki, T., Kano, K., Ito, T., Sato, H., Tajikara, M., Higashinaka, M., Kozawa, T. and Kawanaka, T.

SDE-P04

SEGMENTATIONS OF THE ITOIGAWA-SHIZUOKA TECTONIC LINE ACTIVE FAULT SYSTEM, CENTRAL JAPAN, INFERRED FROM SEISMIC TOMOGRAPHY

Takeda, T., Kasahara, K. and Asano, Y.

SDE-P05

SEISMICITY AND CRUSTAL STRUCTURE ALONG THE SOUTHERN JAPANESE ALPS SEGMENT OF THE ITOIGAWA-SHIZUOKA TECTONIC LINE

Panayotopoulos, Y., Hirata, N., Sato, H., Iwasaki, T., Kato, A., Imanishi, K., Cho, I. and Kuwahara, Y.

SDE-P06

INTEGRATED RESEARCH PROJECT FOR ACTIVE FAULT SYSTEM ALONG ITOIGAWA-SHIZUOKA TECTONIC LINE

Research Group for Active Fault System along Itoigawa-Shizuoka Tectonic Line

(Presenter: Iwasaki, T.)

SDE-P07

DATA ACQUISITION FOR DEEP SEISMIC PROFILING IN MUNICIPAL AREAS - SUBSURFACE STRUCTURE SURVEY IN TOKYO METROPOLIS -

Kawasaki, S., Suda, S., Kawanaka, T., Nakayama, T. and Nakashima, Y.

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REGIONAL CHARACTERIZATION OF THE CRUST IN THE TOKYO METROPOLITAN AREA, CENTRAL JAPAN

Sato, H., Hirata, N., Abe, S., Okaya, D., Iwasaki, T., Ito, T., Kasahara, K., Kato, N., Koketsu, K., Hagiwara, H., Ikawa, T., Kawanaka, T., Wu, F. and Matsubara, M.

SDE-P09

GEOMETRY OF ASEISMIC SLAB OF THE PHILIPPINE SEA PLATE AND CRUSTAL STRUCTURE OF THE IZU COLLISION ZONE, CENTRAL JAPAN

Sato, H., Hirata, N., Abe, S., Iwasaki, T., Kato, N., Ito, T., Kasahara, K., Saito, H., Kawanaka, T. and Ikawa, T.

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HETEROGENEITY OF PHYSICAL CONDITIONS AND PROPERTIES ALONG THE UPPER SURFACE OF THE PHILIPPINE SEA PLATE OFF THE KANTO DISTRICT

Kimura H., Kasahara, K. and Takeda, T.

SDE-P11

CORRELATION BETWEEN GEOLOGIC STRUCTURE AND SOURCE FAULT OF THE 2004 MID-NIIGATA PREFECTURE EARTHQUAKE, CENTRAL JAPAN, REVEALED BY SEISMIC REFLECTION PROFILING

Kato, N. and Sato, H.

CDE-P12

SEISMIC STRUCTURES AROUND FAULT ZONES OF TWO NORTHERN MIYAGI EARTHQUAKES IN 1962(M6.5) AND 2003(M6.4), NORTHEASTERN JAPAN

Yokokura, T., Yamaguchi, K., Kano, N., Tanaka, A., Ohtaki, T., Ito, S. and Miyazaki, T.

SDE-P13

SEISMIC REFLECTED WAVE FROM THE FAULT PLANE OF THE 2003 MIYAGIKEN-HOKUBU EARTHQUAKE

Ito, S., Yokokura, T., Yamaguchi, K., Kano, N. and Ohtaki, T.

SDE-P14

SOUTHEASTERN CARPATHIAN FORELAND DEFORMATION IN RELATION TO THE VRANCEA SEISMOGENIC ZONE OF ROMANIA: RESULTS FROM PROJECT DRACULA

Knapp, C. C., Knapp, J. H. and Mucuta, D. M.

SDE-P15

SEISMIC EVIDENCE OF A THICKENED CRUST UNDERNEATH THE 2001 KUTCH (BHUJ) EPICENTRAL REGION, WESTERN INDIA

Sarkar, D., Sain, K., Reddy, P.R., Catchings, R.D., and Mooney, W.D.

SDE-P16

ACTIVE AND PASSIVE SEISMIC IMAGING OF THE SAN-ANDREAS-FAULT-SYSTEM

Buske, S., Gutjahr, S., Rentsch, S. and Shapiro, S.

Integrated multidisciplinary case studies

IMC-P01

JOINT INVERSION: THE PROPER WAY TO COMBINE DIVERSE GEOPHYSICAL AND GEOLOGICAL INFORMATION

Heincke, B., Jegen, M. and Hobbs, R. W.

IMC-P02

HIGH-RESOLUTION SEISMIC REFLECTION PROFILING ALONG THE RIKUU EARTHQUAKE FAULT, NORTHEAST JAPAN

Kagohara, K., Imaizumi, T., Sato, H., Miyauchi, T., Koshiya, S., Kato, H. and Senya fault research group

IMC-P03

DOBRE-2: INTEGRATED GEOPHYSICAL STUDIES OF THE CRUST AND UPPER MANTLE ON THE SOUTHERN MARGIN OF THE EAST EUROPEAN CRATON (AZOV SEA-CRIMEA-BLACK SEA AREA)

Starostenko, V.I., Omelchenko, V.D., Yegorova, T.P., Tolkunov, A.P., Tchjoha, O.G., Baranova, O.G., Sirchenko, V.V., Legostaeva, O.V. and Stephenson, R.A.

IMC-P04

DEEP STRUCTURE OF THE BARENTS-KARA REGION ALONG REGIONAL LINE 3-AR (WHITE SEA-IS. PIONER-NORTH KARA SEA)

Ivanova, N.M., Belyaev, I.V., Roslov, Yu. V., Vinokurov, I.Yu. and Sakulina, T.S.

IMC-P05

THERMOBARIC PETROSTRUCTURAL MODELING OF THE EARTH'S CRUST AND THE NATURE OF SOME SEISMIC BOUNDARIES

Korchin, V.A., Burtny, P.A. and Karnaukhova, E.E.