

IASPEI2005 SESSION SCHEDULE SHEET
SS01 - SEISMOLOGICAL OBSERVATION AND INTERPRETATION

SS01

LEAD CONVENER: *JENS HAVSKOV*
SESSION CHAIR: *JENS HAVSKOV*
SESSION TITLE: **SEISMICITY**
DATE: **OCTOBER 3 (MONDAY) AM ROOM 4**

ORDER	TIME	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
1	9:00	454	HISTORICAL 1944 AND 1952 SAN JUAN (ARGENTINA) CRUSTAL EARTHQUAKES IN THE ANDEAN BACK-ARC	PATRICIA ALVARADO
2	9:15	289	SEISMICITY OF ADRIATIC MICROPLATE AND A TRIGGERING POSSIBILITY BETWEEN ITS EDGES: GEODYNAMIC IMPLICATION	BETIM MUCO
3	9:30	918	SEISMICITY OF JAN MAYEN	JENS HAVSKOV
4	9:45	417	RECURRENT SEISMICITY IN NORTHERN MATO GROSSO STATE – BRAZIL	LUCAS VIEIRA BARROS
5	10:00	911	ON MONITORING THE SEISMICITY OF THE AEGEAN SEA AND THE EAST MEDITERRANEAN SEA.	A. SHAPIRA
COFFEE BREAK	10:15			

SESSION CHAIR: *SERGIO BARRIENTOS*
SESSION TITLE: **SEISMIC NETWORKS, INSTRUMENTS AND PROCESSING**

ORDER	TIME	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
6	10:35	254	THE SEISMIC NETWORKS OF THE INTERNATIONAL MONITORING SYSTEM OF THE COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION	SERGIO E. BARRIENTOS
7	10:50	626	DETECTION OF SMALL EVENTS IN NETWORK NOISE	ROBERT A. PHINNEY
8	11:05	577	ORFEUS: STATUS AND DEVELOPMENTS	BERNARD DOST
9	11:20	423	NOISE BACKGROUND AND CALIBRATION OF THE IRIS GLOBAL SEISMOGRAPHIC NETWORK	PETER DAVIS
LUNCH BREAK	11:35			

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LEAD CONVENER: *JENS HAVSKOV*
SESSION CHAIR: *JAMES DEWEY*
SESSION TITLE: **MAGNITUDE AND LOCATION**
DATE: **OCTOBER 3 (MONDAY) PM ROOM 4**

ORDER	TIME	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
11	14:30	472	PROPOSED STANDARDS FOR MAKING MEASUREMENTS FROM DIGITAL DATA THAT ARE USED IN CALCULATING EARTHQUAKE MAGNITUDES	JAMES W. DEWEY
12	14:45	297	RELATIONS BETWEEN DIFFERENT KINDS OF MAGNITUDES	PETER BORMANN
13	15:00	929	A NEW FRAMEWORK FOR EVENT LOCATION?	PAUL RICHARDS
14	15:15	310	IMPROVEMENT OF EARTHQUAKE LOCATION IN THE UK USING CORRELATION TECHNIQUES	L. OTTEMÖLLER
15	15:30	232	HIGH RESOLUTION RELATIVE HYPOCENTERS OF CHANGSHU SWARM BY DOUBLET COHERENCE FUNCTION METHOD	MEI WEIPING
16	15:45	285	NON-LINEAR EARTHQUAKE LOCATION IN THREE-DIMENSIONAL VELOCITY MODELS: WHAT CAN WE LEARN ABOUT LOCATION UNCERTAINTIES?	STEPHAN HUSEN
COFFEE BREAK	16:00			

SESSION CHAIR: *M. KORN*
SESSION TITLE: **ATTENUATION AND SCATTERING**

ORDER	TIME	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
17	16:30	560	JOINTLY INVERTING SEISMIC CODA IN GERMANY FOR SOURCE, SITE AND PATH EFFECTS: A MULTIPLE ISOTROPIC SCATTERING MODEL FOR S-WAVES	C. SENS-SCHÖNFELDER
18	16:45	279	ENVELOPE SYNTHESIS OF VECTOR-WAVES IN 3-D RANDOM ELASTIC MEDIA CHARACTERIZED BY GAUSSIAN SPECTRA BASED ON THE MARKOV APPROXIMATION	HARUO SATO
19	17:00	588	LG SYNTHETICS AND CHAOTIC MODE-MODE COUPLING?	KEITH L. MCLAUGHLIN
20	17:15	394	CRUSTAL HETEROGENEITY IN THE SOURCE REGION OF THE 2004 MID NIIGATA PREF. EARTHQUAKE (M6.8): INVERSION ANALYSIS OF CODA ENVELOPES	KIN'YA NISHIGAMI
21	17:30	379	UPPER MANTLE ATTENUATION FROM SCS RATIOS BENEATH THE CHACO AND PANTANAL BASINS, PRELIMINARY RESULTS	MARCELO BIANCHI
22	17:45	657	SPATIAL RESOLUTION OF SEISMIC IMAGING: THE INFLUENCE OF ACQUISITION APERTURE AND PROPAGATOR ACCURACY	MICHAEL FEHLER
23	18:00	377	ESTIMATION OF CODA WAVE ATTENUATION FOR NW HIMALAYAN REGION USING LOCAL EARTHQUAKES	IMTIYAZ A. PARVEZ

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POSTER SESSION SEISMICITY AND STRESS PATTERNS

DATE: OCTOBER 4 (TUESDAY) AM AND PM WHITE HALL

ORDER	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
TU 1	576	A BASIC WESTERN COLOMBIA EARTHQUAKE CATALOGUE FOR SEISMIC HAZARD ASSESSMENT	CRISTINA DIMATE
TU 2	295	SEISMICITY AROUND LHASA	TSOJA WANGMO
TU 3	347	SMALL REPEATING EARTHQUAKES IN AND AROUND THE SUBDUCTING PHILIPPINE SEA PLATE BENEATH JAPAN ISLANDS	TOSHIHIRO IGARASHI
TU 4	390	STRESS PATTERNS FROM FOCAL MECHANISMS OF SMALL JUAN DE FUCA PLATE ARTHQUAKES AT THE NORTHERN END OF THE CASCADIA SUBDUCTION ZONE	MAICLAIRE K. BOLTON
TU 5	408	NOVEMBER 20, 2004 (MW=6.2) QUEPOS, COSTA RICA EARTHQUAKE AND AFTERSHOCK ACTIVITY	R. QUINTERO
TU 6	480	THE CONTRIBUTION OF THE EUROSEISMOS PROJECT (2002-2005) TO THE STUDY OF THE GREATEST EARTHQUAKES OF THE EURO-MEDITERRANEAN AREA	GRAZIANO FERRARI
TU 7	518	AN OVERVIEW OF SEISMIC ACTIVITY OF VIETNAM TERRITORY AND SURROUND AREAS	CAO DINH TRIEU
TU 8	572	MICRO-SEISMIC STUDY FOR CENTRAL PART OF SAUDI ARABIA	ABDULAZIZ A. S. BIN FAYEZ
TU 9	637	TESTING THE HYPOTHESIS THAT THE SUMATRA-ANDAMAN GIANT EARTHQUAKE TRIGGERED A WORLDWIDE INCREASE OF SEISMICITY	VASILE MARZA
TU 10	915	SUMMARY OF THE ISC BULLETIN OF EVENTS OF 2002	DMITRY A. STORCHAK
TU 11	912	TRENDS OF SEISMIC ACTIVITIES IN SRI LANKA AND THEIR EFFECT ON DAMS AND TUNNELS	A.K.WICKRAMASOORIYA
TU 12	919	THE 7 APRIL 2004 FLISA EARTHQUAKE - A GT1 EVENT IN SOUTHERN NORWAY	JOHANNES SCHWEITZER
TU 13	920	THE EARTHQUAKE OF 23 OCTOBER 1904 IN THE OSLO FJORD AREA	JOHANNES SCHWEITZER
TU 14	923	HISTORICAL SEISMICITY OBSERVED IN THE THREE MAIN TOWNS OF THE CENTRAL AND ORIENTAL GROUPS - AZORES ISLANDS	MARIA LUISA SENOS
TU 15	937	MONITORING OF WEAK SEISMICITY IN THE MORAVIA, CZECH REPUBLIC	ZDENEK KALÁB, JAROMÍR KNEJZLÍK
TU 16	939	A TEMPORARY SEISMIC OBSERVATION IN HAICHENG-XIUYAN AREA, NORTHEASTERN CHINA	ZHIXIAN YANG
TU 17	1038	PECULARITY OF PERIODICITY OF RECURRENCE OF STRONG EARTHQUAKES IN TEMPORAL-SPACE ON THE TERRITORY OF THE CENTRAL ASIA	MAKHIRA T. USMANOVA
TU 18	1041	EARTHQUAKE SWARM AT THE NORTHERN PART OF THE RED SEA, EGYPT	SALAH EL-HADIDY
TU 19	238	USING THE STRETCHED EXPONENTIAL FUNCTION FOR AFTERSHOCK DECAY RATE OF THE 1997 MAY ZIRKUH-QAENAT EARTHQUAKE IN EASTERN IRAN	SHAYESTEH MEHRABIAN

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POSTER SESSION SEISMIC NETWORKS, INSTRUMENTS AND PROCESSING

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ORDER	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
TU 20	203	PERMANENT AND PORTABLE BROAD BAND NETWORKS IN THE SOUTHERN SPAIN MANAGED BY THE ANDALUSIAN INSTITUTE OF GEOPHYSICS-GRANADA UNIVERSITY	JOSÉ MORALES
TU 21	221	SNDA: SCALABLE NATIONAL DATA CENTER SOFTWARE	LEDENEV A.V.
TU 22	249	THE EURO-MED EARTHQUAKE ALERT SYSTEM	G. MAZET-ROUX,
TU 23	252	THE EURP-MED SEISMOLOGICAL BULLETIN: PERFORMANCES IN THE AGEAN SEA	S. GODEY
TU 24	286	BURAR CALIBRATION USING SEISMICITY OF ROMANIAN TERRITORY	DANIELA GHICA
TU 25	302	SOURCE FEATURES AND SCALING OF CALIBRATION EXPLOSIONS IN ISRAEL, CYPRUS AND JORDAN FOR CTBT MONITORING	YEFIM GITTERMAN
TU 26	305	USING GROUND TRUTH EXPLOSIONS FOR STUDYING SEISMIC ENERGY GENERATION AND PARTITIONING INTO VARIOUS REGIONAL PHASES	YEFIM GITTERMAN
TU 27	349	TRIPOLI SEISMIC ARRAY, GREECE, CAPABILITIES AND RESTRICTIONS IN SEISMICITY MONITORING AND IMPLICATIONS ON PERFORMANCE ENHANCEMENT	M. PIRLI
TU 28	321	DISCRIMINATION BETWEEN EARTHQUAKE AND EXPLOSION SEISMOGRAM AND DIFFERENT PHASES USING S-TRANSFORM OF DISCRETE NON-MARKOV PROCESSES	AHMAD AMINI
TU 29	591	THE LJUBLJANA SEISMIC NETWORK, SLOVENIA	RENATO VIDRIH
TU 30	605	OPTICAL SENSORS FOR MONITORING EARTHQUAKES AND THEIR EFFECT UPON BUILDINGS	E. SMEU
TU 31	650	THE INTERREG IIIA PROJECT: "TRANS-NATIONAL SEISMOLOGICAL NETWORKS IN THE SOUTH-EASTERN ALPS"	P.L. BRAGATO
TU 32	669	ACCELEROMETRIC NETWORK OF FRIULI VENEZIA GIULIA (NE ITALY)	G. COSTA
TU 33	689	MEXICO CITY ACCELEROGRAPHIC NETWORK, 1987-2004	ESPINOSA-ARANDA J. M.
TU 34	690	MEXICAN EXPERIENCE WITH SEISMIC WARNING SYSTEMS	J. ESPINOSA-ARANDA
TU 35	274	FAST AND ACCURATE ANALYZING TECHNOLOGY FOR EARTHQUAKES IN SEAS AROUND THE KOREAN PENINSULA USING WAVEFORM FORMAT CONVERSION AND COMPOSITION	SO GU KIM
TU 36	427	P-WAVE ONSET TIME DETERMINATION BASED ON BACKGROUND NOISE AUTOREGRESSIVE MODEL TRACKING WITH KALMAN FILTERING	FREDERICO XAVIER DE MELO
TU 37	638	INTERNET ACCELEROMETER STRONG-MOTION NETWORK IN SOUTHWESTERN CANADA	BIRD, A.
TU 38	916	SMALL APERTURE SEISMIC ARRAY MONITORING OF THE RUSSIAN PLATFORM	IRINA SANINA

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		MONITORING OF THE RUSSIAN PLATFORM	
TU 39	917	SEISMIC MOMENT TENSOR FROM REGIONAL RECORDS: FAULT PLANE SOLUTION VS. NON-DOUBLE-COUPLE MECHANISM DISTORTION	JAN ŠÍLENÝ
TU 40	924	DEVELOPMENT OF SEISMIC MONITORING IN PORTUGAL	MARIA LUÍSA SENOS
TU 41	926	DEPLOYMENT OF ASIA-PACIFIC-INDIAN OCEAN HAZARD MITIGATION NETWORK FOR EARTHQUAKES AND VOLCANOES; DAPHNE PROJECT	MIZUHO ISHIDA
TU 42	437	INTRODUCING SEIS-UK - THE SEISMIC EQUIPMENT FACILITY OF THE UK ACADEMIC COMMUNITY	A. BRISBOURNE.
TU 43	927	THE KRN MOUNTAINS (SLOVENIA) MW5.2 EARTHQUAKE: DATA ACQUISITION AND PRELIMINARY RESULTS	MLADEN ZIVCIC
TU 44	928	EXPERIENCE OF KAZAKHSTAN NATIONAL DATA CENTRE IN INTERNATIONAL AND REGIONAL MONITORING	NATALYA MIKHAILOVA
TU 45	936	A SHEAR-WAVE ANALYSIS SYSTEM FOR SEMI-AUTOMATIC MEASUREMENT OF SEISMIC SHEAR-WAVE SPLITTING ABOVE SMALL EARTHQUAKES	YUAN GAO ¹ , PING HAO, STUART CRAMPIN AND JING WU
TU 46	940	COMPARISON OF REB BULLETIN WITH LOCAL CATALOGUES COMPILED FOR THE KAZAKHSTAN TERRITORY	ZLATA SINYOVA, NATALYA MIKHAILOVA
TU 47	941	AMPLITUDE RATIOS FOR COMPLETE MOMENT TENSOR RETRIEVAL: FOCMEC UPGRADED	ZUZANA JECHUMTÁLOVÁ, JAN ŠÍLENÝ

POSTER SESSION MAGNITUDE AND SEISMIC SOURCE PARAMETERS

DATE: OCTOBER 4 (TUESDAY) AM AND PM WHITE HALL

ORDER	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
TU 48	360	COMPARISON BETWEEN SURFACE WAVE MAGNITUDES DETERMINED BY CHINA SEISMOGRAPH NETWORK AND US SEISMOGRAPH NETWORK	RUI-FENG LIU
TU 49	299	A NEW CUMULATIVE BROADBAND BODY WAVE MAGNITUDE	PETER BORMANN
TU 50	207	FEASIBILITY OF EARTHQUAKE MAGNITUDE DETERMINATION USING MAGNETOGRAMS.	J. BATLLÓ
TU 51	351	THOUSAND KILOMETERS BREAKING OF THE 2004 SUMATRA EARTHQUAKE PROVED BY DYNAMIC STRAIN ANALYSIS	MAKOTO OKUBO
TU 52	367	PROBABILISTIC LOCAL WAVEFORM INVERSION IN THE PANNONIAN BASIN	ZOLTÁN WÉBER
TU 53	552	MOMENT MAGNITUDE ESTIMATION OF GREAT LATE 19TH CENTURY EARTHQUAKES FROM THE SEISMOGRAMS OF GEODYNAMIC OBSERVATORIES IN THE ISCHIA ISLAND	GRAZIANO FERRARI
TU 54	921	MEASURING OF TELESEISMIC SURFACE WAVE AND BODY WAVE MAGNITUDES FROM DIGITAL BROADBA	K. KLINGE ¹
TU 55	930	FOCAL PARAMETER DETERMINATION FOR TWO IBERIAN EARTHQUAKES OCCURRED IN THE FIRST QUARTER OF THE 20TH CENTURY	PAULA TEVES-COSTA

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TU 56	932	SOURCE PROCESS OF THE SUMATRA EARTHQUAKES INFERRED FROM WAVEFORM MODELING USING THE EARTH SIMULATOR	SEIJI TSUBOI
TU 57	323	EARTHQUAKE MAGNITUDE SCALES IN CENTRAL GREECE	GEORGE KAVIRIS

POSTER SESSION LOCATION

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ORDER	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
TU 58	513	SYSTEMATIC RELOCATION OF EARTHQUAKES IN TIBET AND ADJACENT AREAS USING THE EHB METHOD	SUN RUOMEI
TU 59	525	PRECISE RELOCATION OF LIJIANG AND NINGLANG EARTHQUAKE SEQUENCES	CHEN QI-FU
TU 60	573	DIFFERENTIAL PN TOMOGRAPHY AND EARTHQUAKE RE-LOCATION IN EURASIA	CHARLOTTE ROWE
TU 61	708	ACQUISITION OF REFERENCE EVENTS TO IMPROVE EARTHQUAKE LOCATIONS AND TO TEST 3-D EARTH MODELS	E. ROBERT ENGDAHL
TU 62	938	GRID SEARCHING METHOD WITH SINGLE SEISMIC STATION FOR AUTOMATIC EARTHQUAKE LOCATION	ZHAO ZHONGHE
TU 63	524	A LARGE-SCALE LOCATION OF EARTHQUAKES IN GREECE AND THE SURROUNDING AREAS USING THE DOUBLE-DIFFERENCE METHOD AND A THREE-DIMENSIONAL VELOCITY MODEL	ODYSSEUS C. GALANIS

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TU 64	272	RECOVERY OF THE ELASTODYNAMIC GREEN FUNCTION FROM SEISMIC NOISE	FRANCISCO J. SANCHEZ-SESMA
TU 65	311	TEMPORAL AND SPATIAL VARIATION OF ANISOTROPY FOR THE ITALIAN VOLCANOES	F. BIANCO
TU 66	343	RECURSIVE REFRACTION TOMOGRAPHY OF THE BOHEMIAN MASSIF - EVALUATING THE MACROANISOTROPY AT THE KTB SITE	MIROSLAV NOVOTNY,
TU 67	382	NONUNIFORM SPATIAL DISTRIBUTION OF S-CODA WAVE ENERGY IN JAPAN	KAZUO YOSHIMOTO
TU 68	385	SPECTRAL STRUCTURE OF VELOCITY INHOMOGENEITY BENEATH EASTERN HONSHU, JAPAN REVEALED FROM THE STOCHASTIC INVERSION ANALYSIS OF S-WAVE ENVELOPES	TSUTOMU TAKAHASHI
TU 69	387	MODELING TELESEISMIC WAVEFORM DISTORTION DUE TO HETEROGENEITY AND ANISOTROPY WITH A ONE-WAY WAVE EQUATION	PASCAL AUDET

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TU 70	645	QUATERNARY VOLCANIC STRUCTURES IN CENTRAL CHILE (31°-34°S), OBSERVED THROUGH SCATTERING PROCESSES	T. MONFRET
Tu 71	1003	ESTIMATION OF Q IN NUEVO CUYO REGION, ARGENTINA, USING P, S AND CODA-WAVES	GABRIELA A. BADI
TU 72	539	CONVERSION SCATTERING BETWEEN BODY AND RAYLEIGH WAVES IN RANDOMLY INHOMOGENEOUS ELASTIC MEDIA IN A HALF SPACE	TAKUTO MAEDA
TU 73	556	ANOMALIES OF SHEAR WAVE ATTENUATION FIELD IN THE REGIONS OF SEMIPALATINSK AND NEVADA TEST SITES	YURI KOPNICHEV
TU 74	492	TRANSITION FROM MULTIPLE SCATTERING TO DIFFUSION IN THE SHORT PERIOD SEISMIC CODA OF LOCAL QUAKES RECORDED AT MT. VESUVIUS, ITALY.	EDOARDO DEL PEZZO
TU 75	925	MONTE CARLO SYNTHESIS OF COMPLETE ACOUSTIC AND ELASTIC WAVE ENVELOPES IN RANDOM MEDIA USING BORN APPROXIMATION	MICHAEL KORN
TU 76	934	MANTLE HETEROGENEITY REVEALED FROM S-CODA EVNELOPE ANALYSIS	WON SANG LEE

POSTER SESSION STRUCTURE

DATE: OCTOBER 4 (TUESDAY) AM AND PM WHITE HALL

ORDER	ABSTRACT N°	ABSTRACT TITLE	FIRST AUTHOR
TU 77	497	LITHOSPHERE AND ASTHONOSPHERE STRUCTURES OF TIBET AND ITS ADJACENT AREAS BY NON-LINEAR INVERSION	ZHANG XUEMEI
TU 78	458	SEISMIC TOMOGRAPHY OF CHUYA EARTHQUAKE EPICENTRAL ZONE	ARTYOM KABANNIK
TU 79	596	SVEKALAPKO DEEP STRUCTURE FROM COMBINED INVERSION OF RECEIVER FUNCTIONS AND SURFACE WAVE PHASE VELOCITIES	OKSANA RIZNICHENKO
TU 80	914	SIMULTANEOUS INVERSION OF HYPOCENTRES AND CRUSTAL MODEL IN JOÃO CÂMARA, NORTHEASTERN REGION OF BRAZIL	CELIA FERNANDES
TU 81	396	IONOSPHERIC SEISMOLOGY THROUGH GPS: AN ATTEMPT TO CONSTRAIN THE 2004 SUMATRA EARTHQUAKE SOURCE PROCESS	KOSUKE HEKI
TU 82	585	WAVEFORM MODELING OF THE CRUST AND UPPER MANTLE USING S, SP, SSPMP AND SHEAR-COUPLED PL WAVES	JAY PULLIAM
TU 83	931	COMPUTATION OF SYNTHETIC SEISMOGRAMS OF SOME SIGNIFICANT EGYPTIAN EARTHQUAKES USING REFLECTIVITY METHODS	SALAH EL-HADIDY