

PROGRAM
“MANAGING WAVEFORM DATA AND RELATED METADATA
FOR SEISMIC NETWORKS”

Saturday October 20, 2007

Time	Agenda		Host
17:00 – 19:00	Participant Registration followed by a Reception - Buffet	IRIS	Tim Ahern

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Sunday October 21, 2007

Time	Agenda		Presenter
08:30 – 09:00	Welcome & Introductions - Workshop Objectives o Introduction of Sponsors o Introduction of Lecturers o Introduction of Participants	IRIS	Tim Ahern
09:00 – 09:30	Introductions - Overview of FDSN	IRIS	Tim Ahern
09:30 – 09:45	Introductions - Overview of Malaysian Meteorological Department	MMD	Director General of MMD
09:45 – 10:00	Introductions - Overview of GNS Science	GNS Science	Ken Gledhill, New Zealand
10:00 – 10:30	BREAK		
10:30 – 10:45	Introductions - Overview of JAMSTEC	JAMSTEC	Seiji Tsuboi, Japan
10:45 – 11:00	Introduction of IRIS - Overview of IRIS	IRIS	Tim Ahern
11:00 – 11:15	Introduction of IRIS Data Management System (DMS) - Overview of IRIS DMS	IRIS	Tim Ahern
11:15 – 11:30	Introduction of PASSCAL	PASSCAL	Jim Fowler, IRIS
11:30 – 12:30	Verify Participant Software installation		
12:30 – 14:00	LUNCH		
14:00 – 14:30	Network Reports		
14:30 – 15:00	Examples of Portable Seismic - Large Broadband Arrays (Tibet, CAFÉ & SNEP) - Temporary Telemetered Seismic Networks - South Africa - Parkfield - Aftershock studies - Denali Q&A	PASSCAL	Bruce Beaudoin
15:00 – 16:00	Data Loggers and Sensors - Modern systems, capabilities, technical specifications - Comparisons between types and specific uses - Pier testing techniques used at the PASSCAL Facility - Repair and maintenance examples Q&A	PASSCAL	Jim Fowler
16:00 – 16:30	BREAK		
16:30 – 17:30	Filtering - Theoretical & Lab Q&A	München University, Germany	Joachim Wasserman

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Monday October 22, 2007

Time	Agenda		Presenter
08:30 – 10:00	Seismometry - Part I Q&A	Stuttgart University, Germany	Erhard Wielandt
10:00 – 10:30	Power Systems for Autonomous Seismic Stations - Criteria for typical station - Calculation of power budget, examples - Components of power system - Solar modules - Batteries (description of types) - Regulation and power control - Extreme environments Q&A	PASSCAL	Bruce Beaudoin
10:30 – 11:00	BREAK		
11:00 – 11:30	Portable Station Design - Factors controlling performance - Station siting - Broadband vault designs (requirements, examples) Q&A	PASSCAL	Jim Fowler
11:30 – 12:30	Digitizers - Q&A	ORFEUS	Reinoud Sleeman
12:30 – 14:00	LUNCH		
14:00 – 14:30	Network Reports		
14:30 – 15:30	Global Moment Tensor Noise and Quality Control New Developments in BroadBand Data Q&A	Lamont	Göran Ekström
15:30 – 16:00	BREAK		
16:00 – 17:30	Verify Participant Software Installation		

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Tuesday October 23, 2007

Time	Agenda		Presenter
08:30 – 10:00	Seismometry - Part II Q&A	Stuttgart University, Germany	Erhard Wielandt
10:00 – 10:30	BREAK		
10:30 – 12:30	Filtering - Theoretical & Lab Q&A	München University, Germany	Joachim Wasserman
12:30 – 14:00	LUNCH		
14:00 – 14:30	Network Reports		
14:30 – 15:30	Filtering - Theoretical & Lab Q&A	München University, Germany	Joachim Wasserman
15:30 – 16:00	BREAK		
16:00 – 16:45	SEED - FDSN Network Codes Q&A	ORFEUS	Reinoud Sleeman
16:45 – 17:30	Using SEED - rdSEED - PQL - SAC - RESP - jEvalRESP Q&A	IRIS	Rick Benson

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Wednesday October 24, 2007

Time	Agenda		Presenter
08:30 – 10:00	DIGIT Introduction Q&A	ISTI	Sid Hellman
10:00 – 10:30	BREAK		
10:30 – 11:30	DIGIT Lab Q&A	ISTI	Sid Hellman
11:30 – 12:30	PDCC Intro - Q&A	IRIS	Rick Benson
12:30 – 14:00	LUNCH		
14:00 – 14:30	Network Reports		
14:30 – 15:30	PDCC Lab - Q&A	IRIS	Rick Benson
15:30 – 16:00	BREAK		
16:00 – 17:30	PDCC Lab - Q&A	IRIS	Rick Benson

20:00 - Evening Dinner Event
by Director of MMD
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Thursday October 25, 2007

Time	Agenda		Presenter
08:30 – 10:00	Calibration - Q&A		Erhard Wielandt
10:00 – 10:30	BREAK		
10:30 – 11:30	Measuring Noise - Q&A		Erhard Wielandt
11:30 – 12:30	Quality Control - QUACK - PQLX - QCForum Q&A	IRIS	Rick Benson
12:30 – 14:00	LUNCH		
14:00 – 15:30	Participant process own network data w/DIGIT & PDCC - Q&A	IRIS	Rick Benson
15:30 – 16:00	BREAK		
16:00 – 17:30	Participant process own network data w/DIGIT & PDCC - Q&A	IRIS	Rick Benson

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Friday October 26, 2007

Time	Agenda		Presentor
08:30 – 10:00	Data Exchange <ul style="list-style-type: none"> - Real Time Tools <ul style="list-style-type: none"> o SEEDlink o Antelope o LISS o Earthworm <ul style="list-style-type: none"> ▪ CD1 - verSEED <ul style="list-style-type: none"> o - Data Center Archives <ul style="list-style-type: none"> o Request Tools <ul style="list-style-type: none"> ▪ rdSEED ▪ SAC Q&A	IRIS	Rick Benson
10:00 – 10:30	BREAK		
10:30 – 11:30	ORFEUS Tools <ul style="list-style-type: none"> - Quality Assurance Q&A	ORFEUS	Reinoud Sleeman
11:30 – 12:30	Seismic Moment	Lamont	Göran Ekström
12:30 – 14:00	LUNCH		
14:00 – 14:30	Network Reports		
14:30 – 15:30	Participant process own network data w/DIGIT & PDCC <ul style="list-style-type: none"> - Q&A	IRIS	Rick Benson
15:30 – 16:00	BREAK		
16:00 – 17:30	Participant process own network data w/DIGIT & PDCC <ul style="list-style-type: none"> - Q&A	IRIS	Rick Benson