

ANSS Network Operations (“NetOps”) Technical Workshop
Salt Lake City Marriott University Park Hotel
February 6–7, 2006

AGENDA

Sunday Evening, February 5

4:00–8:00 pm — Informal gathering of any interested in watching Super Bowl XL in the Marriott Hotel’s *Pitchers Lounge*

Monday Morning, February 6 (7:45 am to 12:30 pm)

7:45 am Continental Breakfast in Amphitheater, 1st Floor

Plenary Session — Amphitheater (1st Floor, Internet available) [8:00–12:30]

8:00–8:30 Welcome and Introductions (Withers)

8:30–9:00 ANSS Overview, Background, and Current Status (Withers and Arabasz)

9:00–9:15 Workshop goals and logistics (Arabasz)

9:15–9:45 NEIC’s INV database and site-visit form (Meremonte)

9:45–10:00 Break

10:00–10:15 NEIC 24/7 (Bellini)

10:15–11:00 Network state-of-health monitoring (SeisNetWatch/Koesterer, NAGIOS/Biasi)

11:00–12:30 Highlights of Individual Networks (Withers)

A representative from each network will be prepared to describe what they perceive are their network's particular strengths and expertise (using handouts, arm waving, and/or selected PowerPoint images); **3–5 minutes max per network** — NEIC, ASL, NSMP, Pasadena, Menlo Park, Reno, PNSN, WCATWC, Fairbanks, HVO, PTWC, Puerto Rico, UUSS, MT Tech, Memphis, St Louis, Lexington, Blacksburg, LDEO, BC

12:30–1:30 Lunch (box lunches provided)

Monday Afternoon, February 6 (1:30–4:30 pm)

Concurrent Discussions (moderator in parenthesis) [1:30–4:30]

Amphitheater (1st Floor) and Connor Room (1st Floor, adjacent to Amphitheater) [room assignments will depend on size of respective groups and need for high-speed Internet]

A. Instrumentation

1:30–2:30 Vault installation and design (Persefield)

2:30–3:00 Surge and lightning protection (Bollwerk)

3:00–3:30 Break

3:30–4:30 Sensor installation, calibration, and maintenance (Meremonte)

Monday Afternoon, February 6 (cont'd)

B. Data Processing and Analysis—Demos and Presentations

- 1:30–2:00 Hydra (Bellini)
 2:00–2:30 Antelope (Biasi)
 2:30–3:00 CISN (Jensen)
 3:00–3:30 *Break*
 3:30–4:00 Earthworm (Withers)
 4:00–4:30 Integrating strong- and weak-motion recording
(discussion introduced and moderated by Pechmann)

Monday Evening, February 6 (5:00 to approx. 9:00 pm)

- 5:00–6:30 Socializing and buffet food in the Marriott Hotel's Fort Douglas Room, 1st Floor
 5:00–6:30 Cash Bar
 5:30–6:30 Buffet food (courtesy of UUSS)
6:30–9:00 “Learning and Mixing” at University of Utah Seismograph Stations (UUSS)
[Transportation from/to the Marriott Hotel will be organized by UUSS staff]

This part of the workshop will include:

- Practical demos by Amy Wright (University of Washington) and UUSS staff relating to, among other things: data processing and analysis, QuickReview, and the integration of strong- and weak-motion recording from both digital and analog data streams
- Practical demos by UUSS engineers and techs and informal discussions relating to data loggers, digital telemetry, and “anything engineers and techs want to talk about”

- 6:30–7:30 Begin shuttling from Marriott Hotel to UUSS at 6:30 pm . . .
 Dessert and introductory tours upon arrival at UUSS (William C. Browning Bldg. on University of Utah campus; enter Room 720 or adjacent Room 703)

Concurrent Breakout Sessions [7:30–9:00 pm]

Engineers and Technicians, Room 517 (hands-on demos)

Data Processing and Analysis, Room 711

- 7:30–8:15 University of Washington demo (Wright)
 8:15–9:00 University of Utah demos, including Quick Review (Kline, Roberson)
 9:00 Begin return shuttling to Marriott Hotel

Tuesday Morning, February 7 (7:45 am to 12:30 pm)

7:45 am Continental Breakfast, Ballroom 3, 1st Floor

Concurrent Discussions (moderator(s) in parenthesis)

A. Instrumentation (Connor Room, 1st Floor)

8:00–10:00 Telemetry (Drobeck and Dye)

10:00–10:30 Break

10:30–11:30 Siting and permitting (Anjal)

11:30–12:30 Power (McChesney)

B. Data Processing and Analysis (Ballroom 3, 1st Floor)

8:00–9:00 Data Exchange (Gold)

9:00–10:00 Rapid Earthquake Response (Medbery)

10:00–10:30 Break

10:30–11:00 Shakemap (Kris Pankow)

11:00–11:30 Other earthquake information products (Bellini)

11:30–12:30 Internet communications, firewalls, and security (Brewer)

12:30–1:30 Lunch (box lunches provided)

Tuesday Afternoon, February 7 (1:30–3:00 pm)

Plenary Session — Ballroom 3 (1st Floor)

1:30~ 3:00 Discussion of workshop highlights, post-workshop activities, and what message to take to ANSS management (Withers)

~ 3:00 Adjourn

Note: Moderators are shepherds, not necessarily experts. They are asked to get the discussion going and keep it on topic using examples from their own network (good or bad), by asking questions of others, questioning performance standards, etc.