58th IFIP WG 10.4 Meeting

Chicago, Illinois, USA
June 24-27, 2010

Business Meeting

Friday, June 25, 201

Agenda

- IEEE/IFIP DSNs – DSN-2010, DSN-2011 …

- Future WG Meetings —59, 60 …

- SIG Reports

- Upcoming events in dependable computing

- Members only portion

IEEE/IFIP International Conference on Dependable Systems and Networks

Chicago, Illinois, USA (2010)

- General Chair: Farnam Jahanian (Univ of Michigan)
- Conference Coordinator: David Taylor (Univ of Waterloo, Canada)
- DCCS Program Chair: Christof Fetzer (TU-Dresden, Germany)
- PDS Program Chair: Mohamed Kaaniche (LAAS-CNRS, France)

Hong Kong, China (2011)

- General Chair: Michael Lyu (Chinese University of Hong Kong, China)
- Conference Coordinator: Sy-Yen Kuo (National Taiwan University, Taiwan)
- DCCS Program Chair: Saurabh Bagchi (Purdue University, USA)
- PDS Program Chair: Susanna Donatelli (University of Torino, Italy)

DSN 2010
June 28 – July 1

Make no little plans.™

choose CHICAGO

DSN'2011 in Hong Kong

Dates: June 27-30, 2011

Location: Sheraton Hotel and Towers
Tsim Sha Tsui, Kowloon

Current Status

- Local Organizing Committee is formed
- PC lists for DCCS and PDS are confirmed
- TMRF is submitted for approval
- Hotel contract has been signed between IEEE and Sheraton
- Industrial supporters now include Microsoft, Croucher Foundation, ASTRI
- Website is constructed:
  http://2011.dsn.org

Current Organizing Committee

- General Chair: Michael R. Lyu (Chinese Univ. of Hong Kong)
- DCCS Chair: Saurabh Bagchi (Purdue Univ., USA)
- PDS Chair: Susanna Donatelli (Univ. of Torino, Italy)
- Conf. Coordinator: Sy-Yen Kuo (National Taiwan Univ., Taiwan)
- Local Arrangement: Roy Ko (Hong Kong Productivity Council)
- Workshop Co-Chair: Jiannong Cao (Hong Kong Polytechnic Univ.)
- Finance Chair: Irwin King (Chinese Univ. of Hong Kong)
- Fund-Raising: K.T. Yung (Hong Kong Productivity Council)
- Publication Chair: Jogesh Muppala (Hong Kong Univ. Sci. & Tech.)
- Publicity Co-Chair: S.C. Chao (ASTRI, Hong Kong)

Conference Hotel

- Sheraton Hong Kong Hotel and Towers, located in Tsim Sha Tsui, southern tip of Kowloon

Concordia Plaza

New East Ocean Centre

Woodliffe

SCIENCE MUSEUM RD.

Stanford Hillview

KNUTSFORD TERRACE

Luxe Manor

Knutsford

Empire

CHATHAM ROAD SOUTH

GRANVILLE RD.

Miramar Shopping Center

KIMBERLEY ROAD

Kimberley

KIMBERLEY ST.

NATHAN ROAD

Miramar

GRANVILLE

CARNARVON RD.

ROAD

Ramada

Park

Bus No.5

Hot Niko

Pacific

Harbour City Gateway

Marco Polo Prince

HK Heritage Dicovery Centre

CAMERON ROAD

EF Kundamal

Guang Dong

InterCon Grand Stanford

Regal Kowloon

PRAT AVE.

Royal Garden

MODY ROAD

Marco Polo Gateway

Imperial

HAIPHONG ROAD

Camarvon

CARNARVON RD.

HART AV.

HANOI RD.

Windsor Ocean View

CANTON ROAD

Silvercord Cinema

The Sun Arcade

ASHLEY ROAD

HANKOW ROAD

LOCK ROAD

TSIM SHA TSUI Station

MODY ROAD

Kowloon Shangri-La

SALIBURY ROAD

HIGH SPEED FERRY PIER TO CENTRAL DISTRICT

PROMENADE

Langham

Holiday Inn

Peninsula Apts

Minden

Harbour City Ocean Centre

PEKING ROAD

Imperial

Kowloon Hotel

Mariner's Club

Marco Polo Hongkong

MIDDLE TOAD

Peninsula

Sheraton

New World Resnaissance

PROMENADE

Sheraton Hong Kong

YMCA

SALIBURY ROAD

SOGO TST

New World Center

New World

Buses

HK Cultural Center

Space Museum

Space Theatre

Clock Tower

HK Museum of Art

STAR FERRY

Inter-Continental

Avenue of Stars

Hotel Photos (1)

DSN 2011

Hotel Photos (2)

Hotel Photos (3)
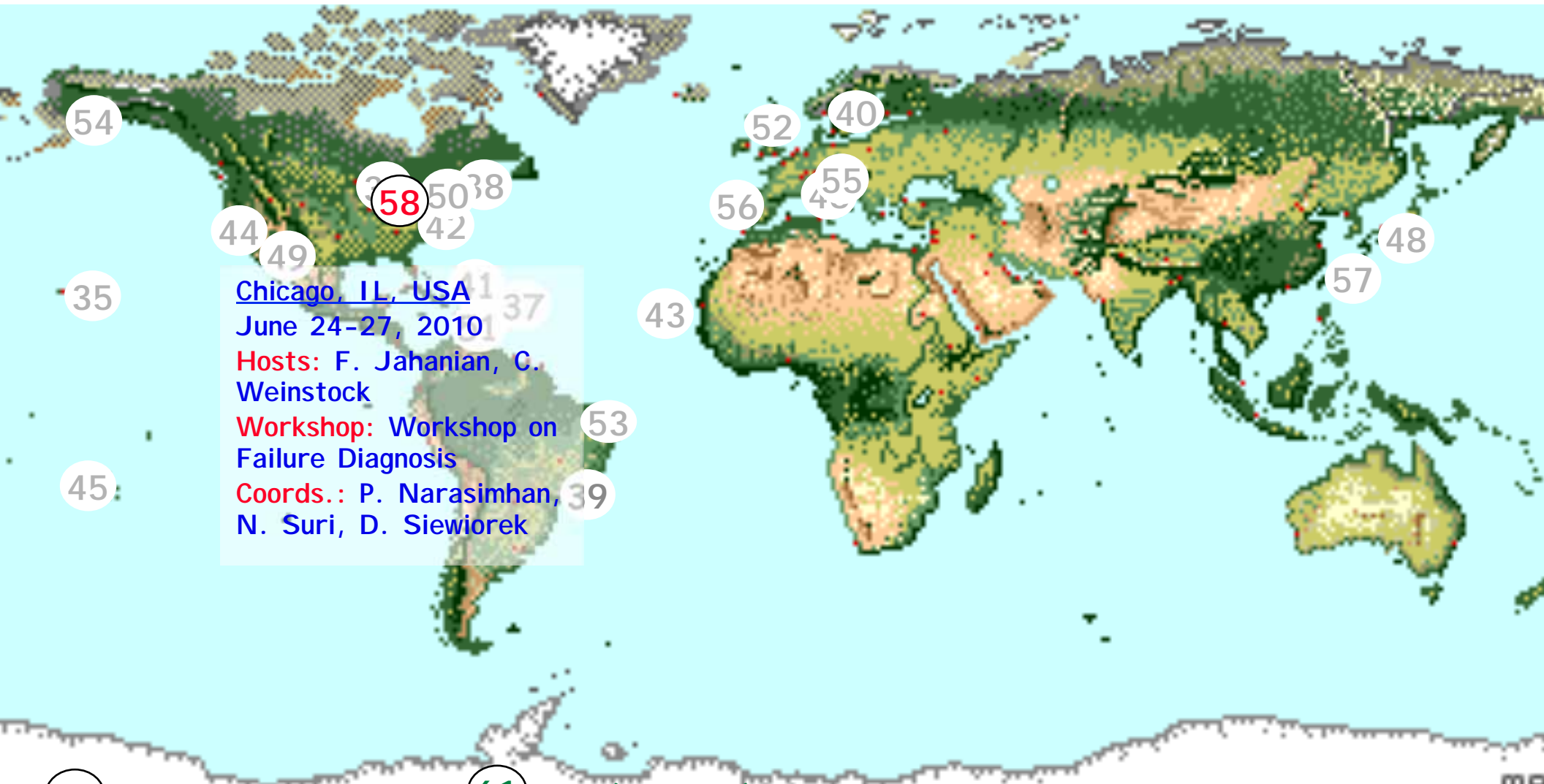
Program Structure and Costs

- Day 1: Workshops + Tutorials
- Day 2-4: Main Program
  - Daily Lunch, 2 coffee breaks
  - Excursion + Banquet
- Registration fees: 2-5% lower than DSN2010
- Hotel room rate: HKD1200 (USD 150) + tax (10%)

See you @ DSN2011

in Hong Kong!

Future Working Group Meetings

54

52　40

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Chicago, IL, USA
June 24–27, 2010
Hosts: F. Jahanian, C. Weinstock
Workshop: Workshop on Failure Diagnosis
Coords.: P. Narasimhan, N. Suri, D. Siewiorek

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59　Colorado (winter 11)

61　??? (winter 12)

60　Taiwan (summer11)

62　Boston? Budapest? Brazil? (summer 12)

59th Meeting (winter 2011)

- Location: Snowmass, Colorado, US
- Dates: From the evening of Jan 12 (Weds) through mid-morning on Jan 16 (Sunday), 2011.
- Workshop Theme: Smarter Planet: Dependability, Safety, Security, and Privacy

Dependability, Security, and Safety Issues for the Smart Part of a Smarter Planet

WG 10.4 Meeting Winter Meeting

January 12th (Wed) – 16th (Sun), 2011
Snowmass Village, Colorado

Technical Synopsis:

The application of vast distributed computing structures is enabling better management of societies infrastructure so that better results can be achieved with less investment in the base infrastructure. In some places it has gone to the point that the infrastructure is optimized to the point that it the "smarts" are required to operate.

While much of the focus has been on the algorithmic nature of the smarts, i.e., what is it doing and how is it achieving the better results, less (*or no*) attention is being focused on the critical dependency on the "smarts" that is being created.

For example: Loss of traffic optimization functions for a smart city could lead to complete gridlock; loss of the smarts in a smart electric grid could easily lead to a wide area cascade failure.

Workgroup will focus on the availability, accuracy, security, privacy, safety and policy issues raised by this growing dependency.

Technical Session Domain Specific Discussions :

- Smart Electric Grids

- Smart Cities (traffic optimization and control)

- Universal Electronic Healthcare Records

- Comprehensive Surveillance and Tracking

- Personal Identity Verification, Protection, and Privacy

- *additional domains as might be suggested between now and then*

Cross Domain Axis for Discussions:

- Design fault tolerance, resilience and robustness

- Security, cybersecurity, and defenses against malicious attack

- Testibility, verification, and correctness

- Safety

- Privacy and societal policy issues (e.g., fairness in using pricing market mechanism to allocate resources –> only the poor will sweat during the summer)

Summary session on common themes and domain linkages:

Tentative/Candidate Speakers & Invited Guests:

- Smart Electric Grids
    - Brian Gaucher (IBM – Smartgrid research)
    - ABB (? Brian seeking speaker)
    - Siemens (ditto)
    - GE

- Smart Cities (traffic optimization and control)
    - Colin Harrison, IBM DE, 'chief architect' of Smart Cities
    - ?

- Universal Electronic Healthcare Records
    - Lead sought ?

- Comprehensive Surveillance and Tracking
    - Lead from London?

- *additional domains as might be suggested between now and then*

- Security, cybersecurity, and defenses against malicious attack
    - Eliezer Dekel (IBM Israel)

OBVIOUSLY A WORK IN PROGRESS – ASSISTANCE APPRECIATED

ATTEND BIRDS OF FEATHER Session on Topic at DSN Tuesday evening!!!!

Nick Bowen - program chair

Venue and Details for Winter Meeting :

- Silvertree / Wildwood Hotel and Conference Center
  Snowmass Village, Colorado
  http://www.silvertreehotel.com/

- Room rates: Silvertree $264/night (first class slope side ski-in/ski-out)

  Wildwood $184/night (deluxe ~80 m walk to slope)

  (hotels are beside one another separated by conf center
    i.e., ski slope, then Silvertree, then conf center, then Wildwood)

  exclusive of taxes, currently 12%

  Note: this is a resort hotel in the middle of resort season,
  cancellation of reservation will generally incur substantial penalties

Booking deadline is Nov 19th (Friday before Thanksgiving) - Hotel is flexible and can probably accommodate bookings after that, but may not be in desired hotel. (Snowmass opens Thanksgiving Day)

Rates are good before and after the meeting for those who wish to extra days for vacation, and we get room-night credit for these days.

- **Tentative Registration:**
  - Regular Member $525
  - Emeritus Member $400
  - Accompanying guest $120 (reception and banquet)

THERE IS NO NEED FOR A CAR ONCE YOU ARRIVE AT HOTEL !!

Travel Details for Winter Meeting :

- **Nearest airport:**   Aspen (15 min)   Hotel will provide complementary pickup and drop off

  (call when you land they will be there before your bags unload)

non-stop	Denver, Chicago, Los Angeles, San Francisco
one-stop	New York, London, Paris, Tokyo, ●●●
two-stop	from virtually any where in world

  Example Fares:

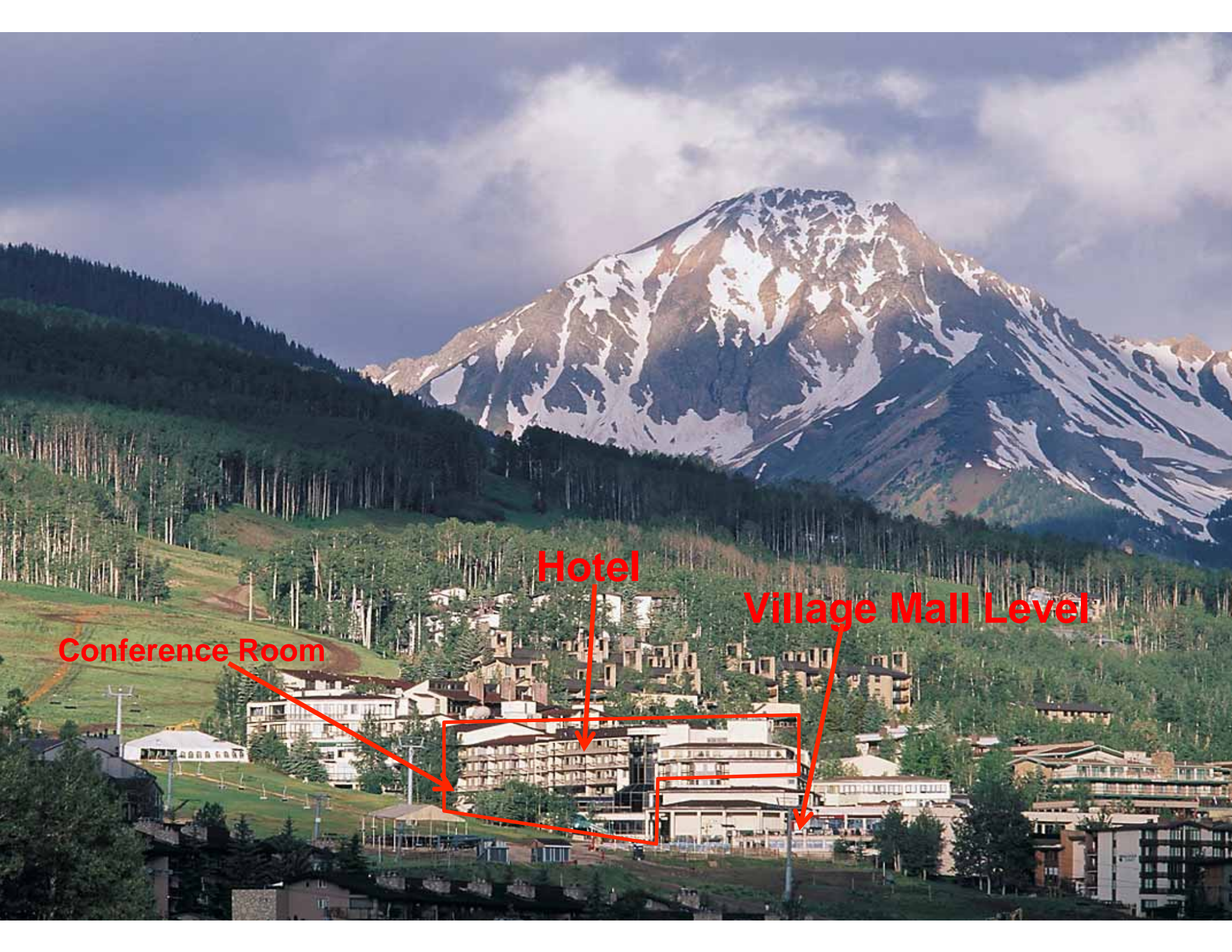|		
NYC-ASE New York	$460 (1-stop)	
LAX-ASE Los Angeles	$497 (non-stop), $359 (1-stop)	
SFO-ASE San Fran'	$425 (non-stop)	
CDG-ASE Paris	$996 (1-stop) (vs $660 CDG-JFK non-stop by way of comparison)	
NRT-ASE Tokyo	$1060 (1-stop out 2-stop back) (vs $827 NRT-SFO)	
GRU-ASE Sao Paulo	$1656 (2-stop) (vs $1312 to Houston)	
non-USA	~$300 beyond fare to US gateway	

- **Other airports:**   Eagle, CO   ~50 min away ($76 shuttle service to Aspen/Snowmass)

      Denver, CO   ~4 ½ hours ($99 shuttle service to Aspen/Snowmass)

THERE IS NO NEED FOR A CAR ONCE YOU ARRIVE AT HOTEL !!

Aspen area has extensive free public transport (and little parking)
(Parking at hotel is $28 / week)

Proposed Framework for Agenda:

Jan 12th   Arrival, reception in evening overlooking slopes, open bar

Jan 13th

6:30 -	Hearty buffet breakfast in meeting room
7:00 – 10:00	Morning technical sessions
	extended break
3:45 -	Hearty afternoon snack (late lunch) in meeting room
3:30 – 7:30	Afternoon technical sessions

Jan 14th

6:30 -	Hearty buffet breakfast in meeting room
7:00 – 10:00	Morning technical sessions
	extended break
3:45 -	Hearty afternoon snack (late lunch) in meeting room
3:30 – 7:30	Afternoon technical sessions

Jan 15th (Activities Day)

7:00 – 9:00	Hearty buffet breakfast in meeting room
	individually tailored activities (skiing, snowshoeing, shopping, dog sledding …)
	(because of wide variation in cost not included in registration)
4:00 – 5:30	Business meeting
6:00 -	Snowcats leave hotel for Banquet at Lynn Britt Cabin on mountain.

Jan 16th

5:00 – 10:00	Individual breakfasts in Silvertree restaurant per individual schedules (voucher provided)
8:00 – 11:00	Research Reports & departures (w/ coffee service)

Additional Venue Detail :

- Silvertree is directly above Snowmass Village Mall -   Hotel has entrance directly to mall
    - Many restaurants to many tastes and budgets just steps away.
    - Of course the normal collection of ski shops/ski rental places
    - Shops for essentials (i.e., furs, jewelry)
    - Shuttles to Aspen proper leave regularly from mall (last bus back at 2 am)
    - Hotel has 30% discount with ski rental shop directly below hotel in mall

- Snowmass Village itself is on main ski trail coming down from mountain.
    - Village follows and is aligned along descent of trail
      For Silvertree Hotel which is directly on this trail this means:
        - Conf room on floor four is at ground level (12 steps to skis on/off)
        - Lobby on first floor is also at ground level
        - Mall entrance is two stories below lobby and is at ground level
    - Main lift load point is about 200 m vertical below hotel, unload 700 m above

- Downtown Aspen is 15 to 20 min by shuttle from Snowmass Village
    - Staggering collection of restaurants, art galleries, shops, and vintage silver rush architecture.

- Both Silvertree and Wildwood have heated outdoor pools & spas (hot tubs),
  Silvertree provides spa services, has health club, and concierge services.

Conference Room

Hotel

Village Mall Level

Additional Venue Detail :

- Conference Room has windows and overlooks main Snowmass ski trail into village

- Conference Room also has outside deck directly overlooking trail
  (smoking is permitted on this deck just outside room, *not that I would recommend it*)

- It is 12 flat steps from conference room door to where you would put on ski's and ski away, or take off ski in and take off skis and walk into room.
  It would be easy to meet family for skiing during break, without inconveniencing them too much

- Aspen area is home of 4 ski mountains   http://www.aspensnowmass.com/

    - Aspen Mountain (the one you see in pictures above Aspen proper – see below)
    - Aspen Highlands (noted for Highland Bowl experience)
    - Buttermilk Mountain   (believe X games will be underway there during our visit)
    - Snowmass Mountain (6% easiest, 50% more difficult, 12% most difficult, 32% expert)

- Snowmass Mountain is one of the largest ski areas in North America, it is several times larger than other three Aspen mountains combined.

    - I will lead tour of my favorite expert terrain if any are interested on activity day.
      (for those interested in tree skiing this could be a treat! – see below)
    - Less aggressive tours (or more aggressive) for those who need company
    - Snowmass has virtually no lift lines ever!

- Lots of other activities beyond skiing

Take Silver Queen Gondola to top of Aspen Mountain for Lunch

Then wander galleries in Aspen

Hotel Jerome in Aspen - A silver rush classic

Game Tartare

Mams

Macadamia Nut Encrusted Trout
Lobster Risotto, Sauteed Haricot Verte, Corn Beurre Blanc & Sweet Chili Sauce

Waygu Kobe Beef Sliders
Truffle & parmesan tossed Pomme Frites, Trio of sauces

Braised Buffalo Short Ribs
Potatoes Au Gratin, Sauteed Asparagus, Jus Reduction & Truffle Essence

Grilled Elk Tenderloin
Mashed potatoes, Sauteed Asparagus, Madeira & Cumberland Sauces

Duck Confit
Sweet Pommes Anna, Sauteed Haricot Verte, Cumberland Sauce

Wild Mushroom & Spinach Tart
Morel Cream Sauce, Sauteed Asparagus

Buffalo French Dip
Braised on this Ribeye Shaved Thin, Au Jus & Pommes Frites

Krabloonik Dog Sled ride to lunch

Spa Services in Snowmass

45 minutes from Snowmass is the Victorian ranching and mining town of Glenwood Springs is famous for it's hot springs and spa – This is largest hot spring fed pool in world. It is at the confluence of the Roaring Fork River and the Colorado River and there is a scenic tram ride to the caves that go deep into the mountain above the town.

60th Meeting (summer 2011)

- **Location: Near Taipei, Taiwan**
- **Host: Sy-Yen Kuo (NTU) with help from Yennun Huang (Vee Telecom)**
- **Hotel: South Garden Hotel**
  - Airport: 25 minutes, ~US$30 taxi
  - Taipei: 35 minutes
  - Taiwan high speed rail Taoyuan Station: 8 minutes
- **Dates:**
  - Evening of July 1 (Friday) through lunchtime on July 4 (Monday)
  - One day later start to allow travel time after DSN ends on June 30 (Thurs)
- **Workshop: ?? Ideas/Volunteers ??**

SOUTH GARDEN

Approximate travel time from the hotel to various locations (Landmark / Route / Time): Taoyuan International Airport / Road 114, National Highway No. 1 / 25 min

ADD：No.8, SHUNIH RD., JHONG LI CITY, TAOYUAN COUNTY, TAIWAN

http://www.southgarden.com.tw/en/html/page-about.htm

Guest Room

Deluxe Room (king-size bed)

Price	~$150+10%tax

Guest Room

Deluxe Room (two twin beds)

Price	~$150+10%tax

Guest Room

Deluxe Family Room

Price
~US$180+10%tax

Price

	SOUTH GARDEN
Room	king-size、two twin beds ~ US$150+10%tax Superior Family Room: ~US$160+10%tax Deluxe Family Room:~ US$180+10%tax

Conference Room

Dining

Dining

The Garden Restaurant

The South Restaurant

Recreation

Hot Spring & Kurhaus Center、Recreation Center ....

Tourist

- Taoyuan International Airport

25 min

- **Taipei**

35 min

- **Cihu Mausoleum**

35 min

- **South Garden**

45 min

- **Land of Retreat & Wellness**

35 min

- **The Daxi Old Stree**

SIG Reports

- **SIG on Dependability Benchmarking (SIGDeB)**

- **SIG on Concepts and Ontologies**

- **SIG on Education in Resilient Computing**

Upcoming Events

- **16th IEEE Pacific Rim International Symposium on Dependable Computing (PRDC 10), Tokyo, Japan, Dec 13-15, 2010.**

- **5th Latin-American Symp. on Dependable Computing (LADC 2011), São Paulo, Brazil, April 25-29, 2011.**