Notes from the Scientific Computing Sub-Council Meeting 10/31/2008

1. Mode of Operation

    a. Meeting frequency was discussed. It was decided to have a monthly meeting. We will aim for the next meeting to be during the week before Thanksgiving. Steffen will organize the meeting.

    b. Mailing list for sub-council internal communication: subcouncil-scicomp-members@slac.stanford.edu will be updated to reflect the new membership (done). It is a closed mailing list that will only allow members to post. The open subcouncil-scicomp@slac.stanford.edu mailing list will be removed (done)

    c. (from AOB) It was proposed and agreed upon that members of the council will give short (10min) overviews of computing activities and needs within their directorates, departments, groups or projects at subsequent meetings. 2-3 reports per meeting seem doable. Gunther will coordinate the first reports. Reports should include the computing service requirements and needs.

2. Project Reports

    a. Randy Melen gave an overview of two projects:

        i. SCCS Mass Storage Upgrade Projects (a write-up has been distributed and is available from this site)

        ii. Stanford Research Computing Facility

3. Outage Planning

    a. The sub-council was asked by Steffen to develop a process for the planning of computing outages that

        i. Avoids the current "shuttle diplomacy" approach

        ii. Has the appropriate mechanisms within the directorates to take into account the needs of all scientific projects (and users)

        iii. Gunther will coordinate

4. Capacity Planning

   a. In order to plan data center capacity and possible data center extension projects (e.g. IR2 electronics hut conversion), SCCS will need estimates for the computing needs at SLAC of the directorates over the next 3 fiscal years.

      i. The list should include all planned computing deployment at SLAC with an indication of the likelihood of actually being funded.

      ii. Data should be provided in a form that will allow to estimate or derive power, cooling, networking and space requirements.

5. Charter for the Computer Security Committee

   a. Steffen presented a draft charter for the computer security committee. The committee is to report to both IT and Scientific Computing sub-councils. Members of the scientific computing sub-councils are asked to:

      i. Review the charter

      ii. Propose a list of members, starting with the membership list of the current committee. Each directorate's members should be confirmed by their respective ALD.

      iii. The current members of the csc-l mailing list are:

         1. Lab-wide representatives

            a. Rainer Bartoldus
            b. Ray Cowan
            c. Gregory Dubios-Felsmann
            d. Peter Elmer
            e. Martin George/SSRL
            f. Tom Glanzman
            g. Tony Johnson
            h. Terry Lahey
            i. Ken Brobeck (alternate for Terry Lahey)
            j. Terry Schalk
            k. Alexandre Telnov
            l. Steve Williams/Res

         2. Security Team

            a. Gary Buhrmaster
            b. Marilyn Cariola
            c. Bob Cowles / CSO

          d. Teresa Downey
          e. Heather Larrieu
          f. Chris Mayfield
          g. John Halperin (Dept Associate)

      3. SCCS

          a. Chuck Boeheim
          b. Les Cottrell
          c. Richard Mount
          d. Jean Pierre
          e. Len Moss
          f. Randy Melen
          g. Steffen Luitz

6. Service Catalog & Budget Process

    a. Steffen and Richard gave an overview of the SCCS service catalog, the 2008 budged in categories of the service catalog and and SCCS informal self-assessment process. Supporting material was distributed and is also available on the sharepoint site.