



October 5, 2006

07pims002: West Coast Optimization Meeting

Organizers:

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Location:

University of Washington

PIMS Sites:

University of Washington

Objectives:

The West Coast Optimization Meeting meets once a year at the Univ. Washington. It brings together the optimization community in the Pacific Northwest (faculty and students from UW, WSU, UBC, SFU, UVic and practitioners from industry such as Boeing and Microsoft) and outside visitors for 2 days of seminars and informal meetings to share and exchange ideas on recent developments and future directions in optimization.

Comments:

The West Coast Optimization Meeting has been ongoing for more than 20 years. It is the only regularly held optimization meeting west of Chicago. For most of that time, it is a 1-day meeting, held twice a year, once at Univ. Washington and once at UBC or SFU. For various reasons, the meeting

is being held once a year since 2005. Accordingly, we would like to expand it to 2 days (at least for 2007) to accommodate more speakers and invited visitors, broaden the scope, and provide more time for interaction. This will benefit students by broadening/deepening their exposure to ongoing research. 2007 is timely since there will be no other regional meeting or major national/international meeting on optimization.

Audience:

The 2-day meeting is intended for faculty, grad students, and practitioners. It has no registration fee, and is open to all students and faculty. Students at Univ. Washington will have the opportunity to meet and learn about current research from leading researchers as well as meet students from other institutions. Their participations and presentations are actively encouraged.

Participants:

The following is a partial list of participants from the Pacific Northwest that are either confirmed or likely to confirm:

K. A. Ariyawansa, Washington State Univ.
Heinz Bauschke, UBC Okanagan
Yeongcheong Baek, Univ. Washington (student)
Jim Burke, Univ. Washington
John Dennis, Rice Univ. and Univ. Washington
Sharon Filipowski, Boeing
Michael Friedlander, UBC Vancouver
Rafal Goebel, Univ. Washington
Qiuying Lin, Univ. Washington (student)
Philip Loewen, UBC Vancouver
Yves Lucet, UBC Okanagan
Robert Mifflin, Washington State Univ.
Larry Nazareth, Washington State Univ.
Bob Phelps, Univ. Washington
Terry Rockafellar, Univ. Washington
Shawn Xianfu Wang, UBC Okanagan
Lin Xiao, Microsoft Research
Linda Xu, Univ. Washington (student) Jane Ye, Univ. Victoria
Sangwoon Yun, Univ. Washington (student)
Zelda Zabinsky, Univ. Washington

Please note that the above list of student participants is far from complete.

Other possible participants include:

Brad Bell, Univ. Washington
Ivar Ekeland, UBC Vancouver
Daniel Lee, Simon Fraser Univ.
Marina Meila, Univ. Washington
Mehran Mesbahi, Univ. Washington
Rekha Thomas, Univ. Washington
Eugene Zak, IBM

The speakers are not yet confirmed. They will come from among the participants listed above as well as 2-3 invited outside visitors from the following list:

Dimitri Bertsekas, MIT
Dimitris Bertsimas, MIT
John Birge, Univ. Chicago
Michael Ferris, Univ. Wisconsin
Jorge More, Argonne Lab
Arkadi Nemirovski, Georgia Tech
Michael Overton, Courant Institute
Steve Robinson, Univ. Wisconsin
Panos Pardalos, Univ. Florida
Michael Todd, Cornell
Yinyu Ye, Stanford

Amount Requested:

1000.00

Expenditures:

The requested funding will help to support travel, accomodation, and per diem for 2-3 invited outside visitors at the meeting. We estimate a cost of \$700-800 Cdn per visitor. PIMS has indicated support for special activities held at UW next year, such as distinguished speakers, workshops, as a part of its 10th anniversary celebration. If PIMS would provide additional funding (\$500-1000), then we will be able to invite more (disinguished) visitors and broaden the scope of the meeting.

Income:

VIGRE, National Science Foundation

Selected Dates:

Fri, April 27, 2007

Sat, April 28, 2007