COPPER MOUNTAIN CONFERENCE

ON

ITERATIVE METHODS

APRIL 9-13, 1996

Organizing Institutions:

University of Colorado
Front Range Scientific Computations, Inc.

Sponsors

Department of Energy
National Science Foundation
CRAY Research, Inc.

In cooperation with

SIAM Special Interest Group
on
Numerical Linear Algebra

CONFERENCE CHAIRMEN

Tom Manteuffel
Steve McCormick

PROGRAM COMMITTEE

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Paul Saylor
Nick Trefethen
Homer Walker
Olof Widlund
Hank van der Vorst

SPECIAL FEATURES

Preliminary Proceedings
Special Issues of SISC
Student Paper Competition
Workshops

FOCUS

The focus of this conference will be iterative methods for linear and nonlinear systems of equations. This includes theory, algorithm development, large scale applications, and parallel implementation.

FORMAT

Morning an afternoon sessions will consist of individual talks of approximately 25 min. each. Workshops will be held in evenings.

CONFERENCE DEADLINES

Student Papers	*Dec. 15, 1995*
Abstracts	*Jan. 15, 1996*
Lodging Reservations	*Feb. 8, 1996*
Early Registration	*Feb. 8, 1996*
Papers for Proceedings	*March 15, 1996*
Special Issue Papers	*May 1, 1996*

PRELIMINARY PROCEEDINGS

In order to guarantee a spot on the program, each speaker will be asked to submit an abstract by Jan. 15, 1996. Up until March 15, 1996, the abstract may be replaced by an extended abstract of no more than 7 pages. The abstracts will be combined into a preliminary proceedings and distributed to the conference participants. Support for the Preliminary Proceedings is provided by Cray Research, Inc.

SPECIAL JOURNAL ISSUE

Speakers will be urged to submit a paper to a special issue of SIAM Journal of Scientific Computing. These papers will be subjected to a rigorous refereeing process under the supervision of the program committee. Papers will be due no later than May 1, 1996. Authors are urged to limit the length of papers to 20 pages.

STUDENT PAPER COMPETITION

Travel and lodging assistance will be awarded to student authors judged to have the best research papers. Papers containing original research due mainly to the student must be received before December 15, 1995. They must be singly authored and may be no more than 10 pages in length. Sending only an abstract is unacceptable.

A panel of judges selected from the program committee will determine the best papers. The authors of the three best papers will be given a travel stipend, free lodging and registration, and they will be expected to present their papers in a special session at the conference. A number of other students who participate in the competition will be awarded free lodging and registration depending on the availability of funds.

WOMEN AND MINORITY STUDENTS

Women and minority scientists and students are especially encouraged to participate in this conference. Special funds may be available to those who submit a request for travel funds which contains a brief statement of the importance of the meeting to their research and addresses their monetary need to attend this conference.

WORKSHOPS

The program will include special time set aside for workshops. Conference participants wishing to organize a workshop should contact the Workshop Chairman, Steve Ashby at (510) 423-2462 or fax (510) 422-6675 or e-mail at sfashby@llnl.gov.

WHERE TO CONTRIBUTE

Potential contributors should submit an abstract of no more than 7 pages to

CMCIM96
University of Colorado
Program in Applied Math
Campus Box 526
Boulder, CO 80309-0526
email cm96@boulder.colorado.edu

If you submit your abstract by e-mail, please do NOT send a TeX or LaTex file. It will be returned if you do. Instead, please send either a postscript file or an ASCII file. Deadline for submission of abstracts is January 15, 1996.

LOCATION

The conference will be held at Copper Mountain, Colorado, located 75 miles west of Denver. Condominium accommodations and adjacent meeting rooms are located in the Mountain Plaza Conference Center located at the base of the Copper Mountain ski lifts.

REGISTRATION

Please mail the attached registration form with the conference fee. You will receive a discounted rate if your payment is postmarked before February 8, 1996. Registration fees include a copy of the Preliminary Proceedings, a reception on Monday evening, April 8, coffee breaks, and a banquet on Thursday evening, April 11. Cancellations received before March 8, will be refunded less a $50 handling fee. No refund will be issued for cancellations received after March 8, 1994. Registrations should be sent to:

CMCIM96
University of Colorado
Program in Applied Math
Campus Box 526
Boulder, CO 80309-0526
email cm96@boulder.colorado.edu

ACCOMMODATIONS

A block of condominiums has been reserved for the conference. Each type of accommodation will be available in limited quantities on a first-come, first-serve basis. A lodge room has one or two queen beds, and a two-bdrm. condominium has one or two queen beds in each bedroom, two baths, a kitchen, a dining area, and fireplace. Please be sure to verify the number of beds with your reservationist.

Group rates are available from April 8-14, 1996. These rates are:

Lodge Room	*$87/night*
Deluxe Studio	*$102/night*
One Bdrm Condo	*$117/night*
Two Bdrm Condo	*$177/night*

Make your room reservation directly with Copper Mountain before February 8, 1996. Availability of rooms cannot be guaranteed after February 8, as Copper Mountain reserves the right to release part of our room block if fifty percent of our block is not reserved at this time. After March 8, all remaining un-reserved rooms will be released from our room block for sale to the general public. Call 1-800-458-8386 or direct dial 1-970-968-2882 or fax number 1-970-968-6227 to make your reservations with Copper Mountain.

State and local taxes will be added to the cost of the room. Rates prior to April 8, are significantly higher. If available, group rates will be given 2 days prior and after the conference. You must identify yourself with the CU Math Dept. Conference in order to get the above group rates.

TRANSPORTATION

Copper Mountain is located 75 miles west of Denver via Interstate 70, at exit 195. Please make your airline reservation destination Denver International Airport. All major car rental agencies have counters at the air-

port. Resort express shuttle service will offer a $64 round trip or $32 one-way rate. Reservations can be made by calling 1-800-334-7433 or direct dial 1-970-468-7600. Resort Express is located on level 5, the baggage claim level, in the center of the main terminal at DIA.

FURTHER INFORMATION

Cat Rachwalski, Conference Coordinator
crachwal@carbon.denver.colorado.edu
Phone 303-980-8522
Tom Manteuffel
Phone 303 492-5199
email tmanteuf@boulder.colorado.edu

TENTATIVE SCHEDULE

| Monday, April 8 | Registration |
| 7:00 - 9:00 p.m. | & Reception |

Tuesday, April 9	
8:00 - 12:00	Session 1
4:30 - 6:30 p.m.	Session 2
7:30 - 9:30 p.m.	Workshops

Wednesday, April 10	
8:00 - 12:00	Session 3
4:30 - 6:30 p.m.	Session 4
7:30 - 9:30 p.m.	Workshops

Thursday, April 11	
8:00 - 12:00	Session 5
4:30 - 6:30 p.m.	Session 6
7:30 - 9:30 p.m.	Banquet

Friday, April 12	
8:00 - 12:00	Session 7
4:30 - 6:30 p.m.	Session 8
7:30 - 9:30 p.m.	Workshops

Saturday, April 13	
8:00 - 12:00	Session 9
4:30 - 6:30 p.m.	Session 10

REGISTRATION FORM

Copper Mtn. Conference on Iterative Methods

Copper Mountain, Colorado — April 9–13, 1996

Name
_____

Affiliation
_____

Street Address
_____

_____

Country
_____

e-mail address
_____

phone #
_____

Registration Fee

postmarked before February 8, 1996

( ) SIAM Member $215.00
( ) Non-SIAM Member $245.00
( ) Student $50.00

postmarked 2/9/96 and after or paid at conference

( ) SIAM Member $255.00
( ) Non-SIAM Member $285.00
( ) Student $50.00

Method of Payment

( ) Check or money order enclosed

Checks written to: Copper Mtn. Conference. Must be in U.S. funds drawn on a U.S. bank. If paying with a EuroCheque please add $6 to your fee for bank processing.

( ) VISA or MASTERCARD only (No Am.Ex.)

Card #
_____

Exp. Date
_____

Signature
_____

Send or email registration forms to:

CMCIM96
CU-Boulder, PAM; CB 526
Boulder CO 80309-0526
cm96@boulder.colorado.edu