2010

CEDAR

25th ANNIVERSARY

25 Years of

CEDAR History

CEDAR memories for you!

Pictures from:

The Research News
University of Michigan

November-December 1982

2010 CEDAR 25th ANNIVERSARY

William Sharp

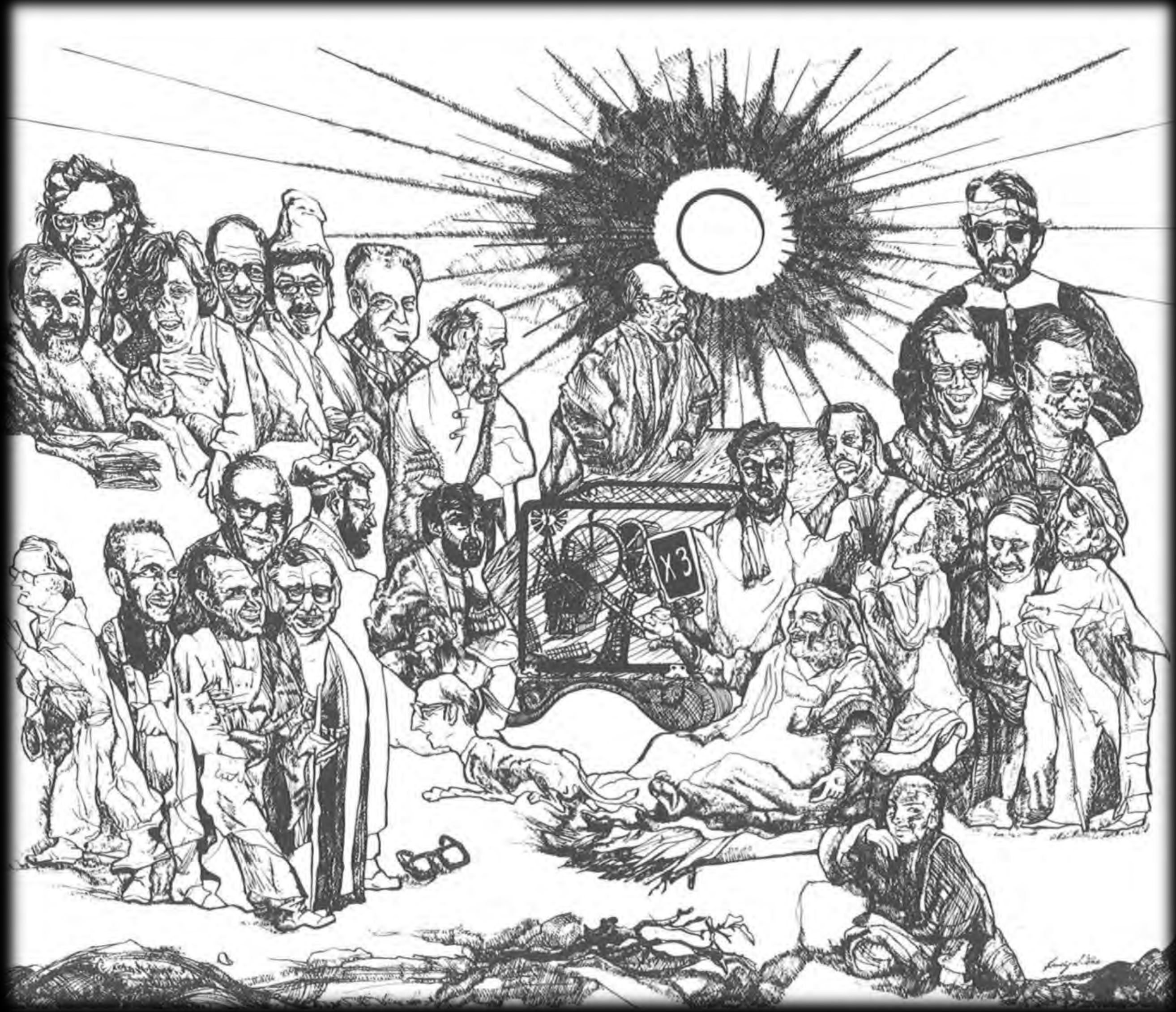
Examining an observation instrument

Paul Hays

Ron Theriault

Reviewing computer program that develops specs
for the triple etalon interferometer

Back row: Doug Torr, George Victor, Marsha Torr, George Carignan, Paul Hays, Bill Hanson, Alex Dalgarno, Hans Hinterreger, Don Heath, John Doering, Al Hedin, Fred Rees, Skip Reber
Front row: Ken Champion, John Hoffman, Bob Hoffman, Al Nier, Larry Brace, Jim Walker, Ian Stewart , Mike McElroy (glasses – often absent), Clyde Freeman (dog – computer head), Nelson Spencer, Irwin Schmerling, Dave Kayser, Henry Brinton.
Front right: Skip Potter



Rembrandt's One Hundred Guilder Print, illustrating the idiosyncrasies of men and women who directed the Atmosphere Explorer satellite experiments.

John Meriwether

Heinz Grassle

Checking an interferometer before its shipment to a Greenland ground observation station.

Timothy Killeen

Preparing posters for the Annual AGU meeting.

1987

Second CEDAR Workshop

NCAR Mesa Lab
Boulder, CO

Barbara Emery and 3 others

Jeremy Winick

and

Rich Behnke

Bob Kerr and David Siskind

Kent Tobiska and Kathryn Drake

David (Dai) Rees and Larry Lyons

1989
CEDAR

NIST and NCAR, Boulder, Colorado

Poudre River Rafting

George Gerhab?, Rick Doe, Roger Smith, Ed Szuszczewicz, Ling Zhang,
Jim Sharber?, Greg Earle

?, Denise Thorsen, ?, Ed Szuszczewicz, Loretta Weiss, Roger Smith, Barbara Emery, Greg Earl, Wes Swift. Peter Sultan, Xiaoqing Pi, Jim Sharber?, Fahri Surucu?, Ling Zhang, ?, Rick Doe; Missing or ?: Mark Champion, Steven Franke, George Gerhab, David Gloss, Dan Nottingham, Elliot Palmer


adrift

1990
CEDAR

NIST and NCAR, Boulder, Colorado

CEDAR Perfect Attendance Award

CEDAR 1990

There are 4 out of 6 participants shown in this photo who managed to attend all 25 workshops!


Richard Behnke


Barbara Emery


Cassandra Fesen

John Holt [1997]

John Meriwether [1982]


Roger Smith

Richard Behnke

Barbara Emery

Cassandra Fesen

John Holt

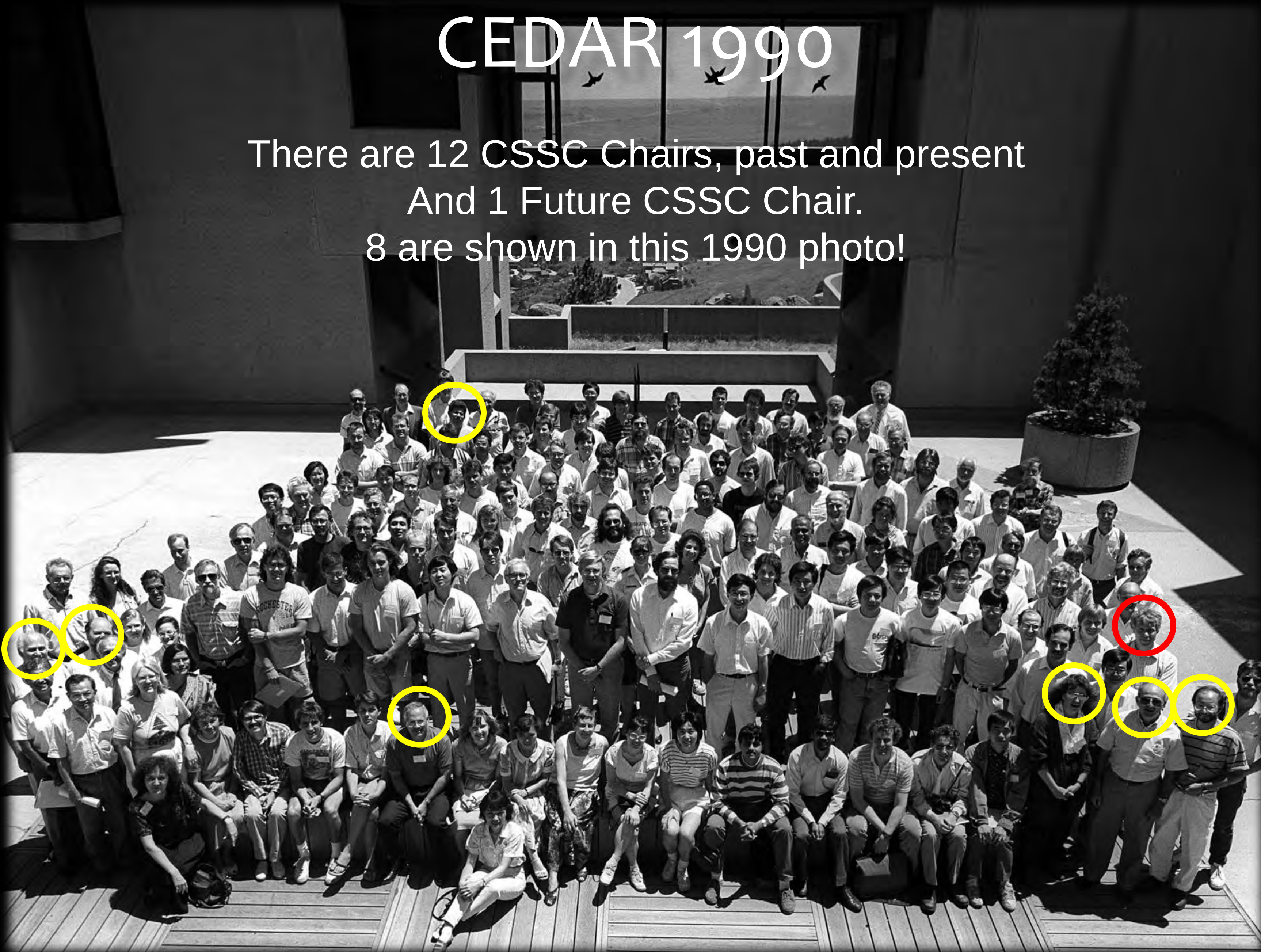
John Meriwether

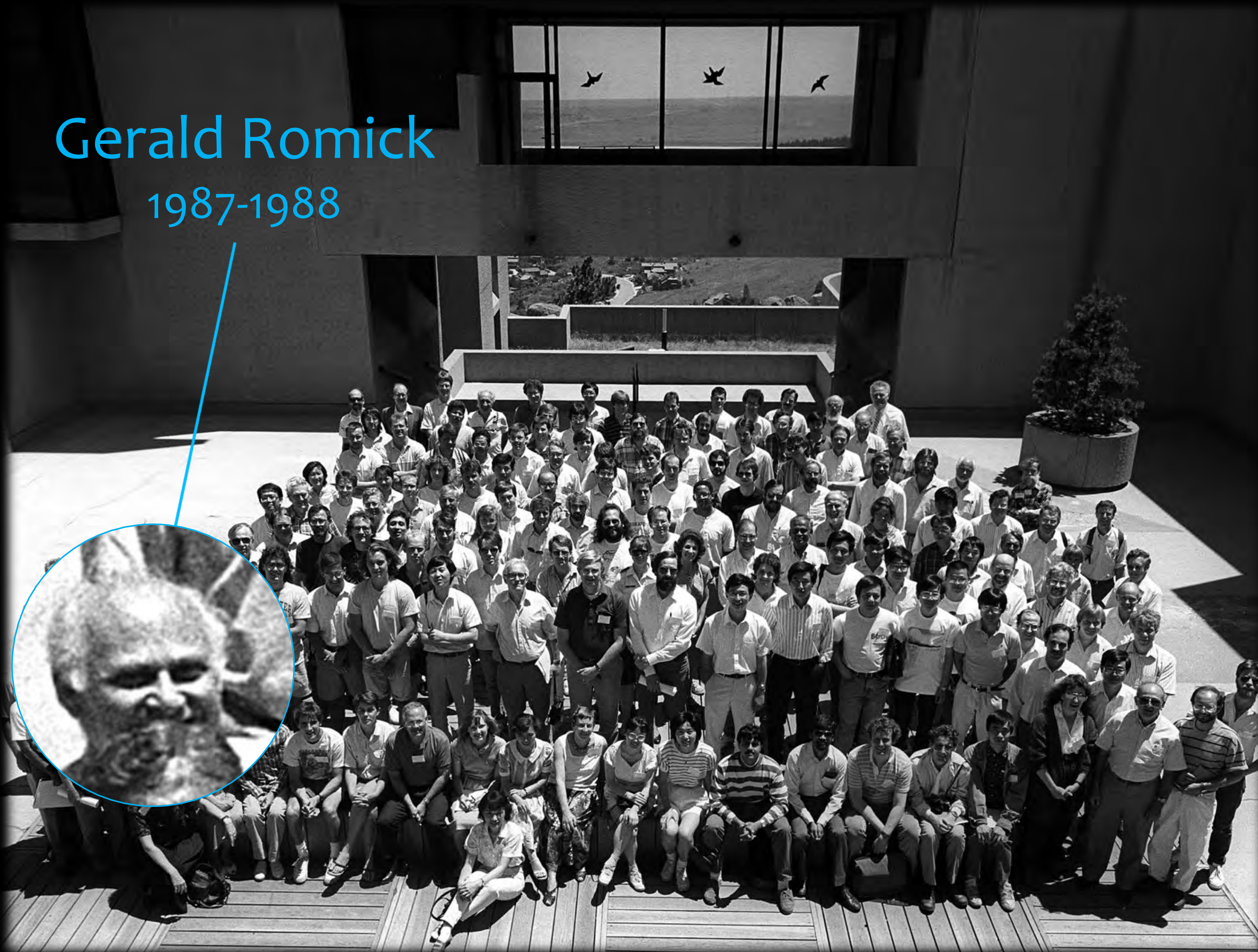
Roger Smith

CEDAR CSSC Chair Awards

CEDAR 1990

There are 12 CSSC Chairs, past and present
And 1 Future CSSC Chair.
8 are shown in this 1990 photo!




Gerald Romick
1987-1988

G. Chester Gardner

1990 - 1992


Michael Mendillo
1996 - 1997


Joseph Salah
1997 - 1999


Cassandra Fesen
1999 - 2001
ROCHESTER


Roger Smith
2001 - 2003


Sixto González
2003 - 2005


John Foster
Future Chair

Gerald Romick [1987-1988]

Timothy Killeen [1988-1990]

Chester Gardner [1990-1992]

Michael Kelley [1992-1994]

Jeffrey Forbes [1994-1996]

Michael Mendillo [1996-1997]

Joseph Salah [1997-1999]

Cassandra Fesen [1999-2001]

Roger Smith [2001-2003]

Sixto Gonzàlez [2003-2005]

Jan Sojka [2005-2007]

Jeffrey Thayer [2007-2010]

John Foster
2010 Future Chair

1990
CEDAR

NIST and NCAR, Boulder, Colorado

Horseback Trail Ride

Marie-Louise Duboin

guide?,Marie-Louise Duboin,Mazaher?, Munira, and Mohommed? Sivjee, ?, ?, ?, John Sahr, ?, Barbara Emery; Missing or ?: Ken Kendall, Paivio Pollari, Theodore Ballard, Peter Citrone, Thomas Frooninckz

1991
CEDAR

NIST and NCAR, Boulder, Colorado

Georgetown Loop Railroad & Mine Tour

Dwight Sipler and Bill Wright

Doug Geiger, husband
of Barbara Emery

Barbara Emery

1991 NCAR Cafe

John Holt,
Michael
Buonsanto,
Dwight Sipler

1994
CEDAR

University of Colorado, Boulder, Colorado

Lecture Hall

Barbara Emery and Jeff Forbes?

Bela Fejer

1995
CEDAR

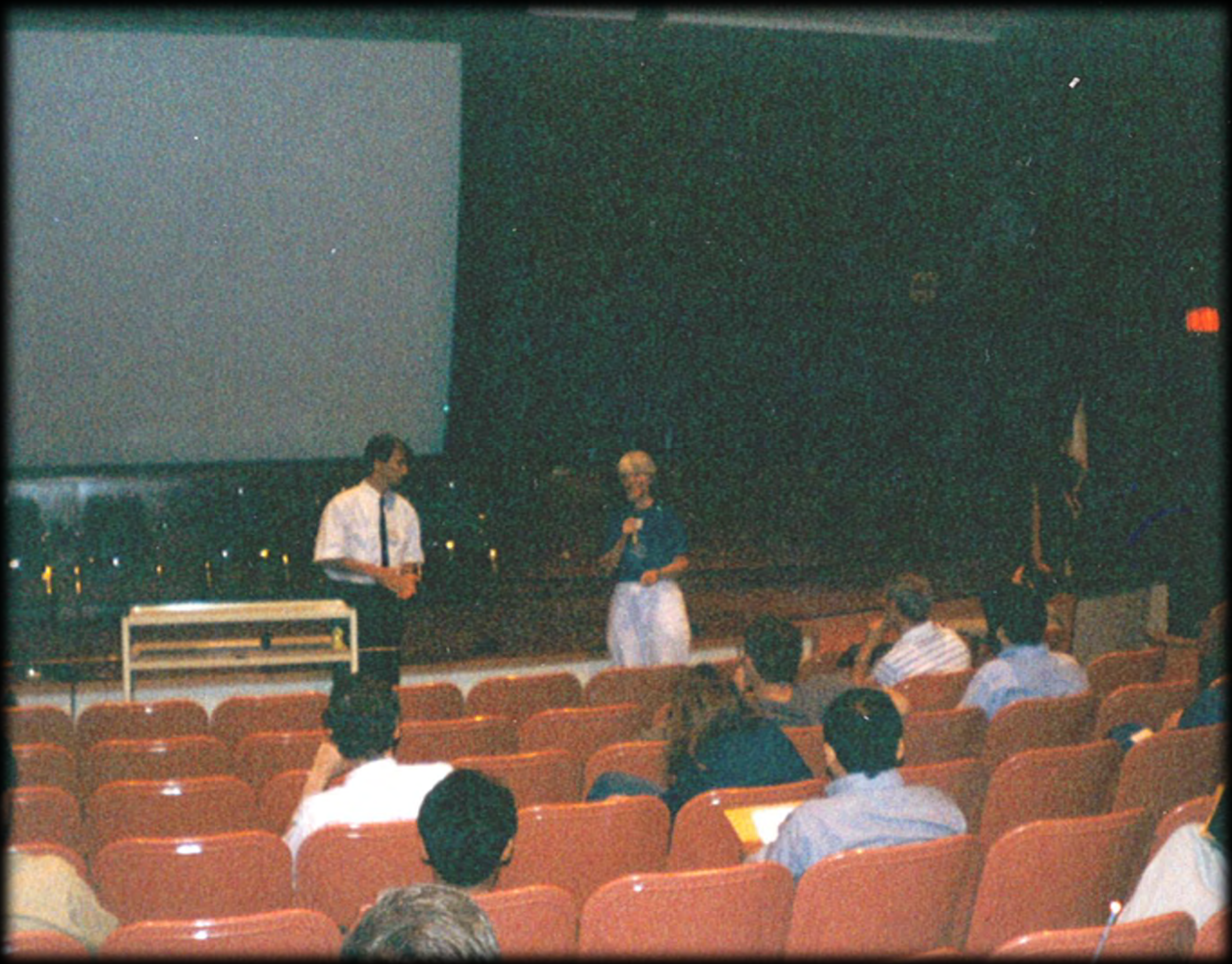
NIST and NCAR, Boulder, Colorado

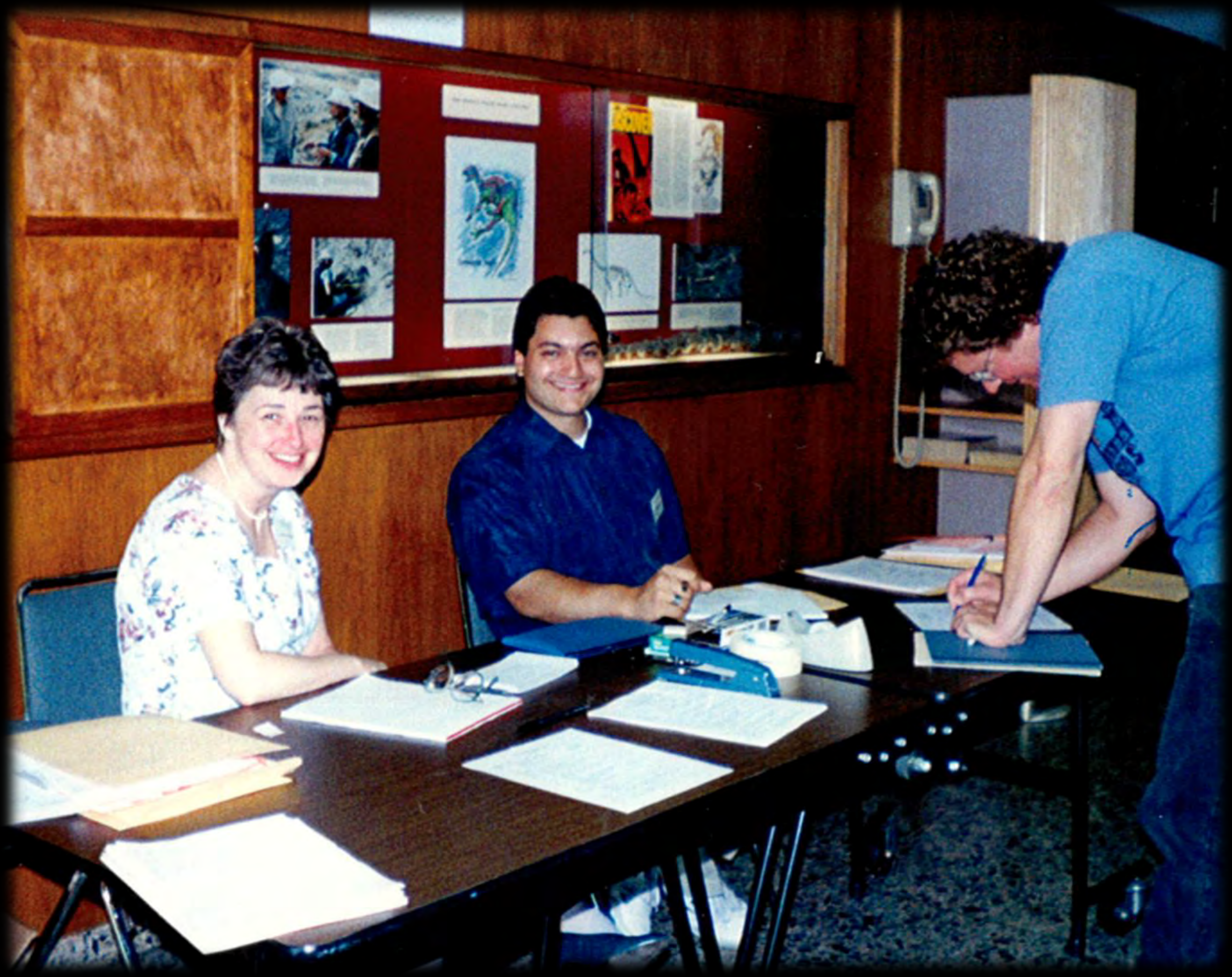
NCAR Mesa Lab Cafeteria

Phil Erickson, ?, Mike Sulzer

Barbara
Emery

Jeff Thayer and Barbara Emery





Louise Beierle, Will Golesorkhi, and Joe Isler

Will Golesorkhi, NCAR student assistant who video-taped the tutorial lectures

1997
CEDAR

University of Colorado, Boulder, Colorado

Flagstaff Picnic, Model Railroad & Celestial Seasonings Tour

Dwight Sipler, John Foster …

John Kelly, John Holt, Tony van Eyken

Wes Swift, ?, ?, ?, and Doug Geiger (husband of Barbara Emery) at the Granite Mountain Railway in their basement.

Mayra Martinez, ?, John Leko, ?, Henry Rishbeth, Wes Swartz, ?

Alan Peterson, ?, ?, Wes Swift

Barbara Emery and Henry Rishbeth

1998
CEDAR

University of Colorado, Boulder, Colorado

Butterfly Pavilion Tour

Louise Beierle

Barbara Emery

Richard Balthazor

1999
CEDAR

University of Colorado, Boulder, Colorado

Walker Ranch Hike

Guide? and Doug Geiger in back

John Foster

2002
CEDAR

Raintree Plaza Conference Center, Longmont, Colorado

Student Social at Hover Acres Park


UNIVERSITY OF COLORADO


MIKASA

Carlos Marinis and Steve Smith

Karen Remick

Karen Remick, Art Richmond, Fernanda Sao-Sabbas, Anja Stromme, ..

2002
CEDAR

Raintree Plaza Conference Center, Longmont, Colorado

Tim Killeen

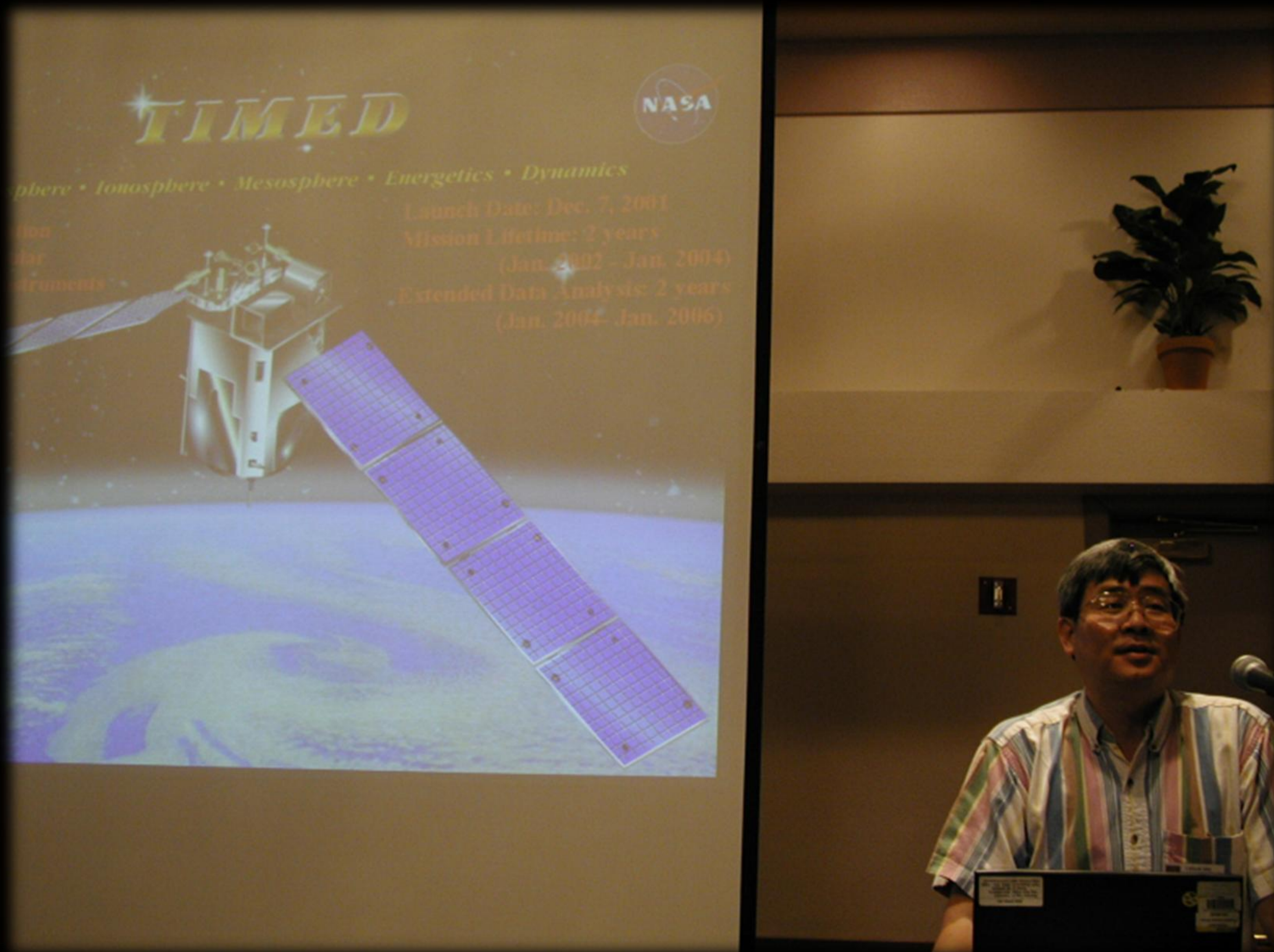
Santimay Basu, Bill Wright, Tim Killeen, …

Roger Smith, CSSC Chair

Amy Bauer (Moore) and Bob Lowe

CSSC Dinner in Lucile’s Creole Café in Longmont: Sunanda Basu, Delores Knipp, Roger Smith, Art Richmond, John Kelly, Barbara Emery, Pamela Loughmiller, John Foster, Rich Behnke, Erhan Kudeki, Bob Robinson.

Peter Fox leads a Database Workshop



Sam Yee leads a TIMED-CEDAR Workshop

?, Roy Barnes, Joe Salah, Steve Smith, ?, Ron Clark, ?

Louise Beierle and Liz Hoswell

Louise Beierle and Barbara Emery

Louise Beierle, Roger Smith CSSC Chair and Barbara Emery

Jens Oberheide, Maura Hagan, Rich Behnke, Sunanda Basu, ..

Dwight Sipler, Rich Behnke, Maura Hagan, Sunanda Basu

Tomoko Matsuo, ???, Odile de la Beaujardiere, Eva Robles, ?

Frank Lind

2003
CEDAR

Raintree Plaza Conference Center, Longmont, Colorado

2010 CEDAR 25th ANNIVERSARY

Gary Bust is the cook at the Student Workshop.

Gerald Lehmacher, Craig Heinselman, Andrew Gerrard?

Licia Ray

Mick Denton

Mick Denton

Reception dinner at the Raintree Plaza Hotel.

Bill Bristow

Roger Smith, Tom Slanger, and Joe Grebowsky

Kathryn Fisher and Louise Beierle

CSSC dinner at Hunter’s in Longmont: Art Richmond, Lars Dyrud, Paul Bellaire, Rich Behnke, Phil Erickson, Marina Galand, Sixto Gozalez, Bob Robinson, waiter, Pamela Loughmiller, Robert Vincent, Roger Smith, Delores Knipp, Jan Sojka, Barbara Emery, and Josh Semeter.

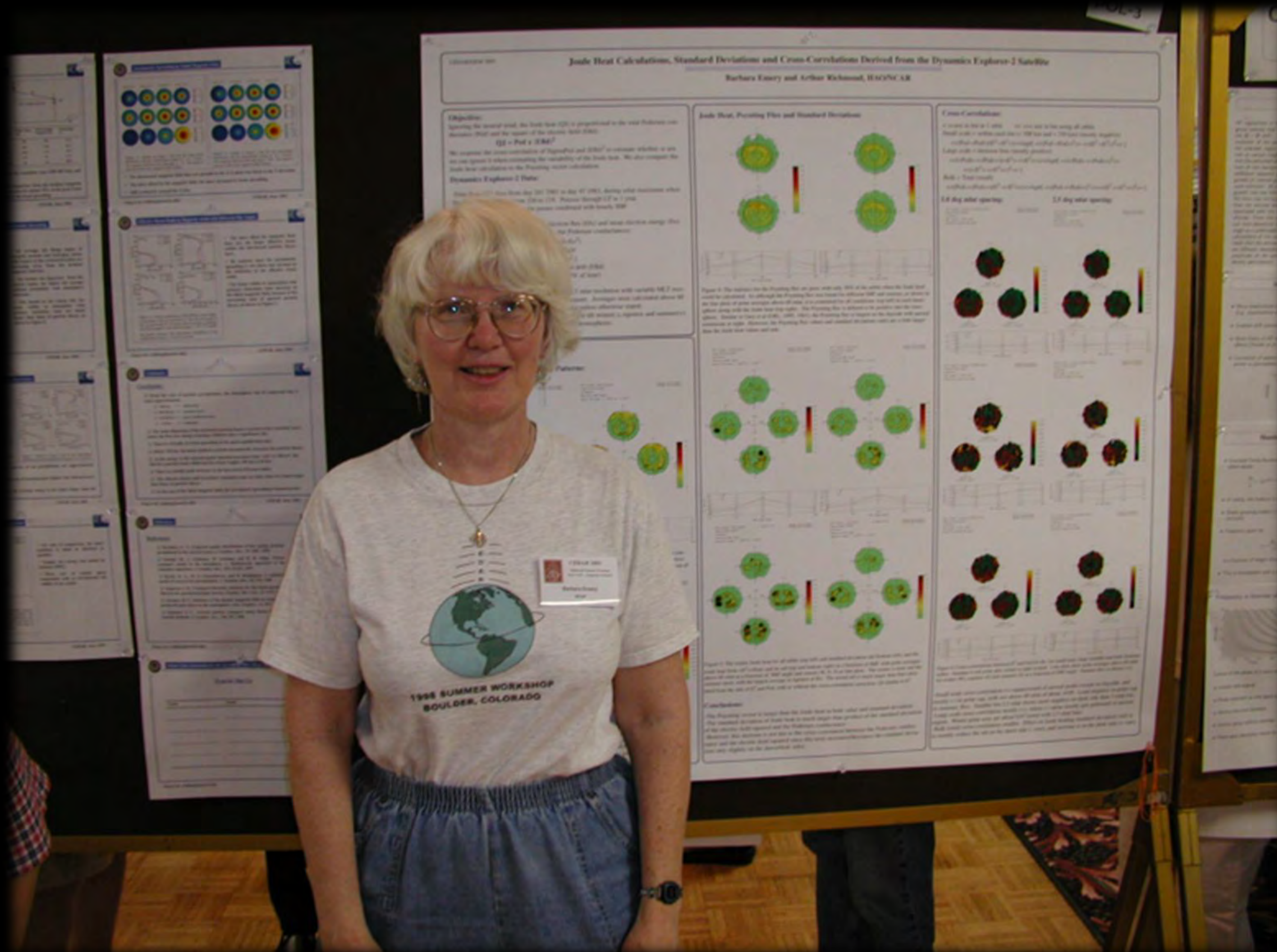
CSSC dinner at Hunter's in Longmont: Larry Paxton, Art Richmond, Lars Dyrud, Paul Bellaire, Rich Behnke, Phil Erickson, Marina Galand, Sixto Gozalez, Bob Robinson, Pamela Loughmiller, and Robert Vincent.

Bill Wright, ?, Don McEwen, Joe She (CEDAR Prize Lecture) …
Roger Smith

Gary Bust, Lars Dyrud, Licia Ray, Pamela Loughmiller

Frank Lind, Cassandra Fesen, Art Richmond (back), Jan Sojka, Gary Bust

Tomoko Matsuo?, Astrid Maute, Art Richmond, John Meriwether, Ed Mierkiewicz



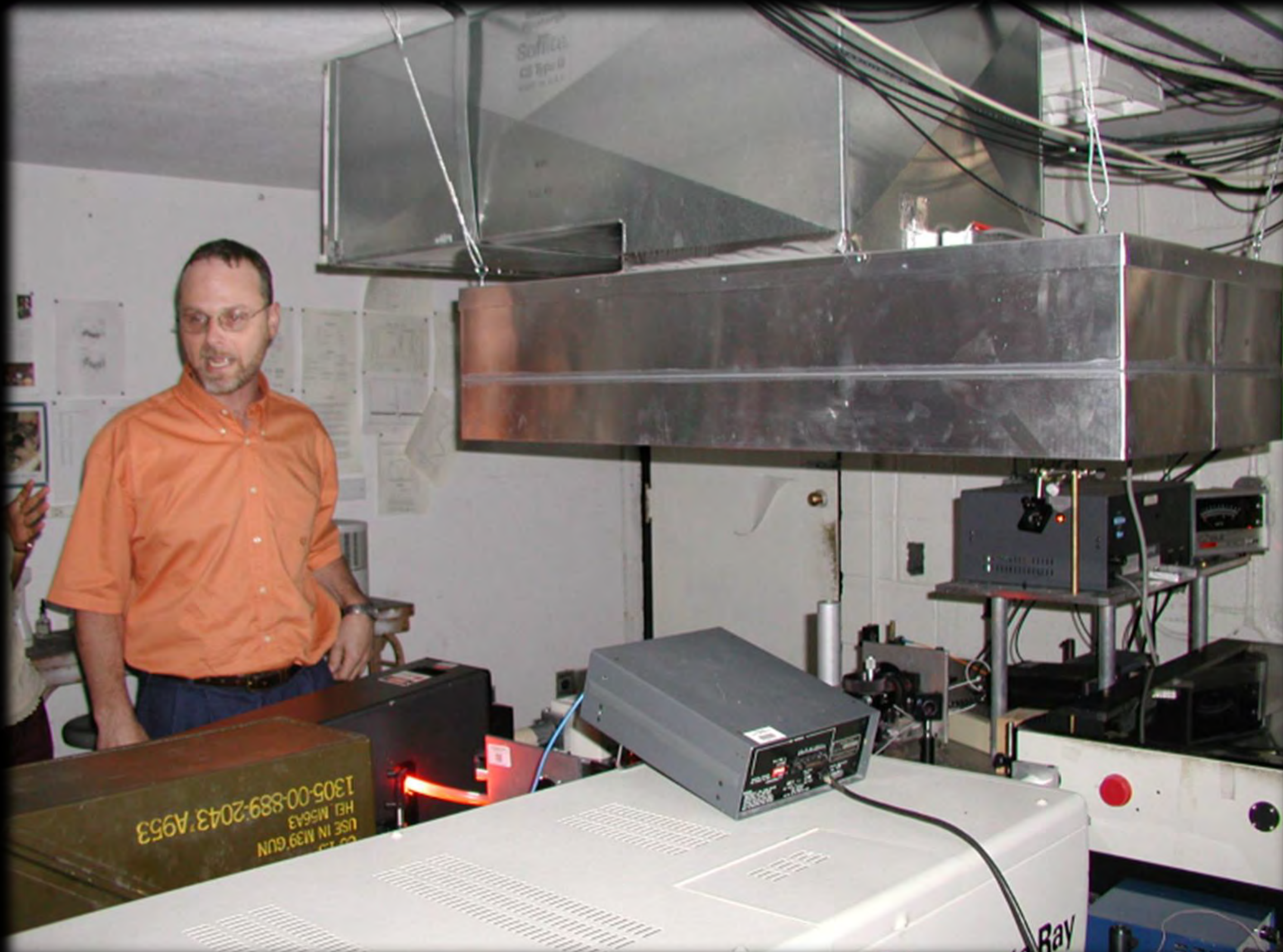
Barbara Emery

Phil Erickson, chief judge, describes the results of the Student Poster Competition.

CSSC lunch: Larry Paxton, Bob Vincent, Don McEwen, Sixto Gonzalez, Rich Behnke

Workshop speaker Ludger Scherliess, with Cassandra Fesen in front.

Visiting Joe She's lidar facility at CSU in Fort Collins: Joe She (CSU) and former student Jonathan Friedman (Arecibo Observatory).



Field Trip to Joe She's Lidar Lab in Ft. Collins At CSU: Jonathan Friedman.
The lidar lab moved to USU in 2010 with Titus Yuan after Joe She's retirement.

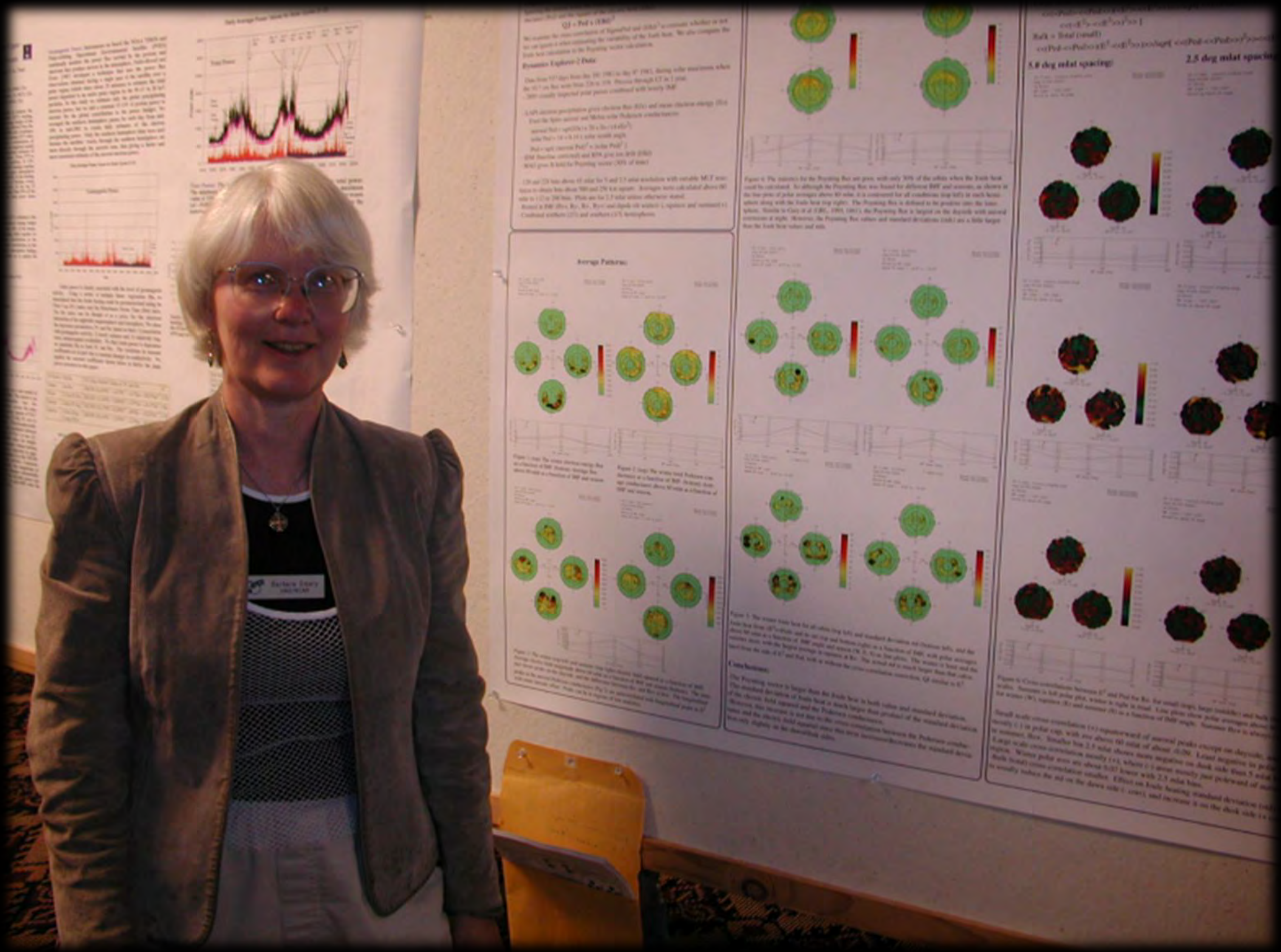
Plane belonging to CSU retired professor outside the lidar lab with REU CEDAR student.

Roger Smith, CSSC Chair

Roger Smith, Barbara Emery, Louise Beierle, Kathryn Fisher

2003
GEM (sister program to CEDAR)

Snowmass, Colorado



Barbara Emery, same poster at GEM and at CEDAR

Umbe Cantu

Socializing at GEM: Katie Garcia, ?, Mike Schultz, Dennis Papadopolos, Bill Matthews, Stan Sayzykin, Dick Wolf, ?

Delores Knipp

GEM Flood

A water main breaks . . . and floods the Wildwood hotel where GEM participants stay


NOWMASS GENERAL

2004
CEDAR

Eldorado Hotel, Santa Fe, New Mexico

Farzad Kamalabadi, Steve Englander (A/V for Eldorado), Barbara Emery

Biff Williams, Doug Geiger, Barbara Emery(-Geiger), Susan Nossal, Young-Sil Kwak by Blue Corn Cafe

Young-Sil Kwak at Fort Marcy Suites for students

Karen Remick at Fort Marcy Suites for students.

Kathryn Fisher and Louise Beierle behind the CEDAR Registration desk in the Eldorado Hotel.

HAO/NCAR dinner: Stan Solomon, Astrid Maute, Maura Hagan

Setting out for Petroglyph walk through Cieneguilla: Ron Woodman
… Denise Thorsen, Rich and Norma Behnke, … Maria Richmond

Petroglyph walk: Anthea Coster, ?, Rich Behnke,…, Romina Nikoukar, ?, tour leader Dennis Slifer with walking stick, Ronald Woodman, Norma Behnke

Petroglyphs: ? And Doug Geiger

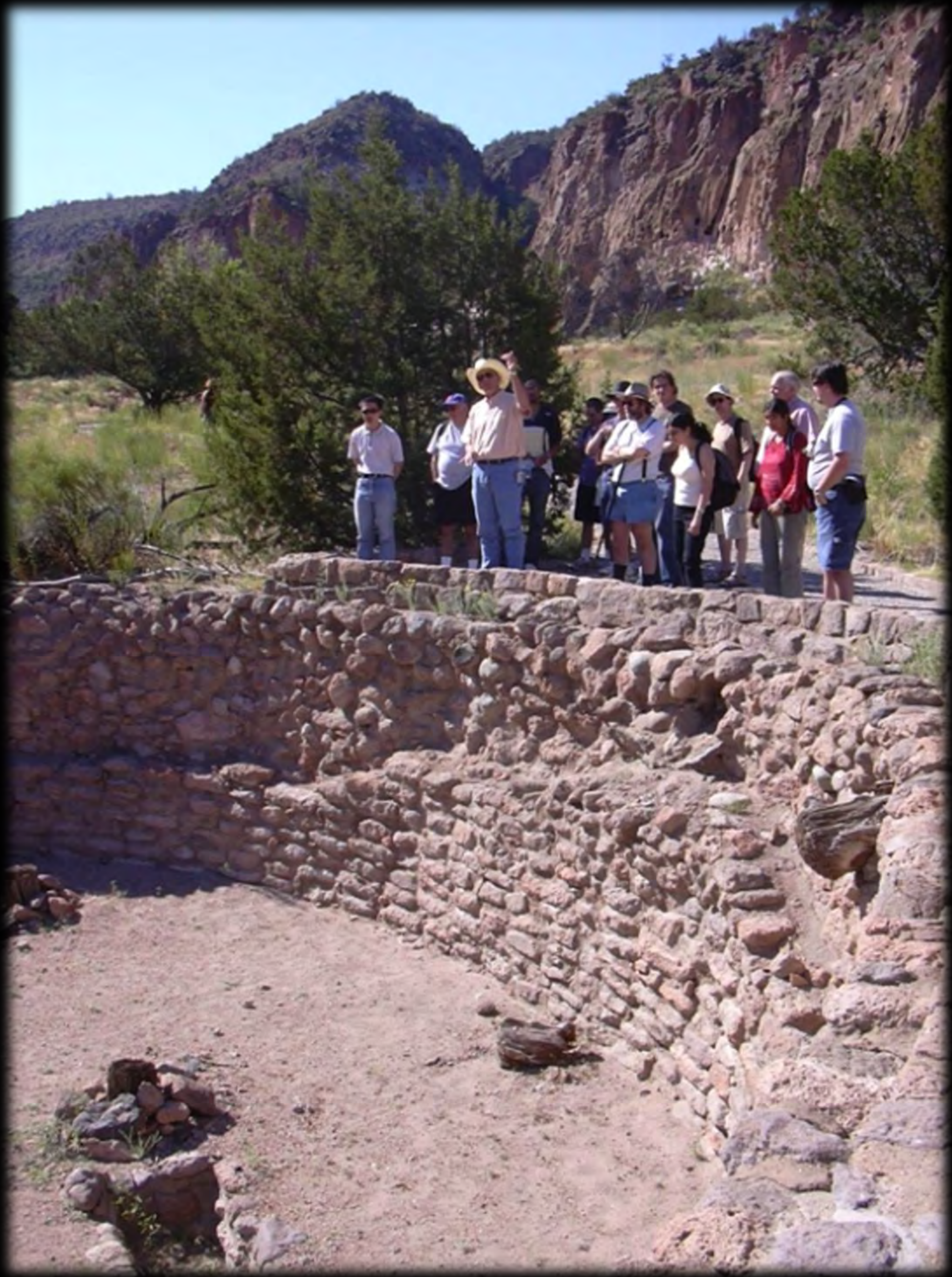
Tianyu Zhan of Clemson University describes his poster to interested Clemson undergraduates Bailes Brown (left) and Andy Owens (middle).

Mike Taylor with bird in the Pavilion poster room.

Larisa Goncharenko of MIT explains her data experiences at the Integrated Data Environment Workshop.

Opera Gala decorations in the Pavilion after the CEDAR Poster sessions.

CEDAR group with John Meriwether at Bandolier National Monument with tour guide Robin in the white cowboy hat.



Barbara Emery and
Sawako Maeda

Anthea Coster, Barbara Emery, Doug Geiger, son, Norma and Rich Behnke

2005
CEDAR-GEM

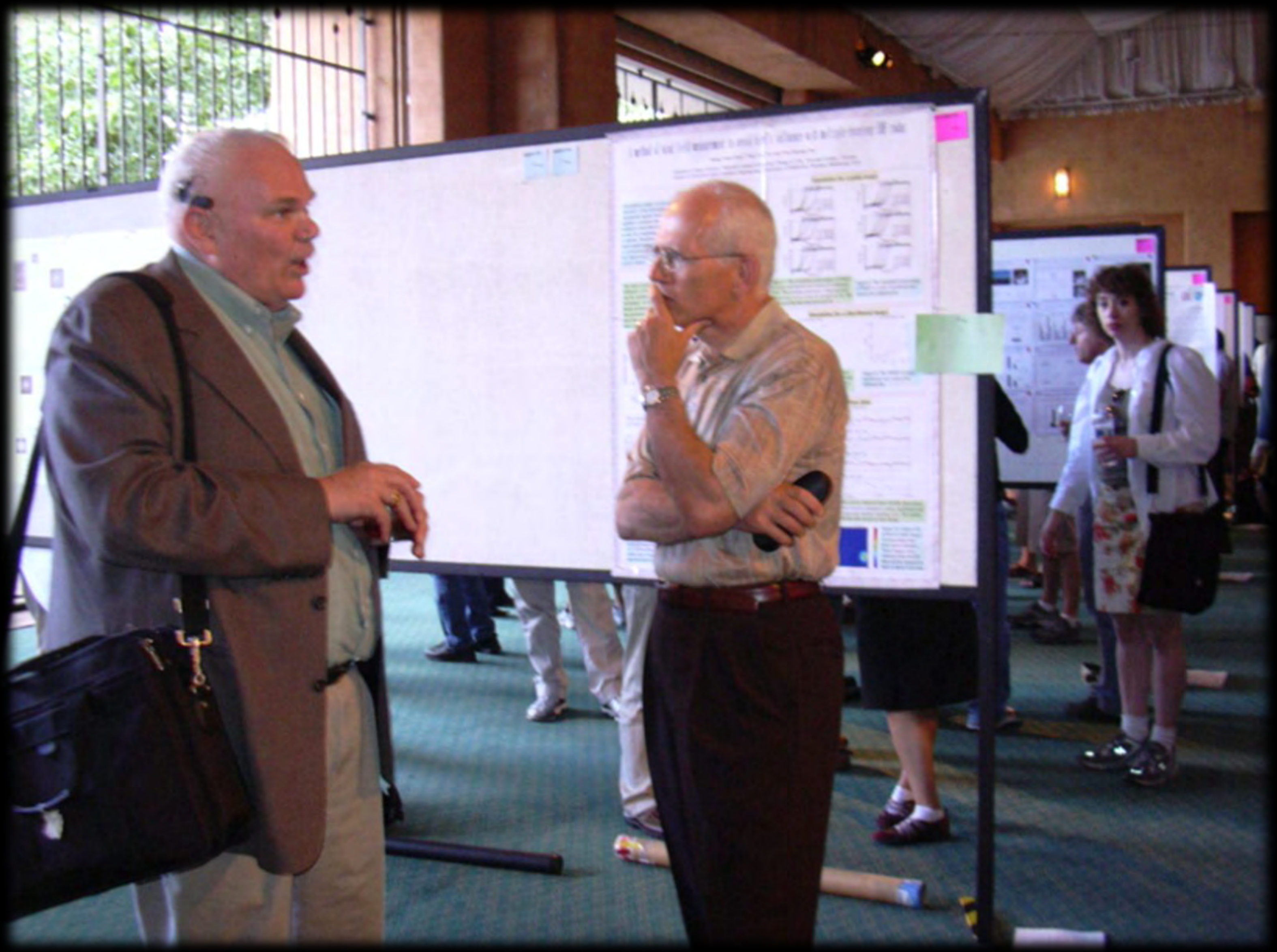
Eldorado and La Fonda Hotels, Santa Fe, New Mexico

2010 CEDAR 25th ANNIVERSARY

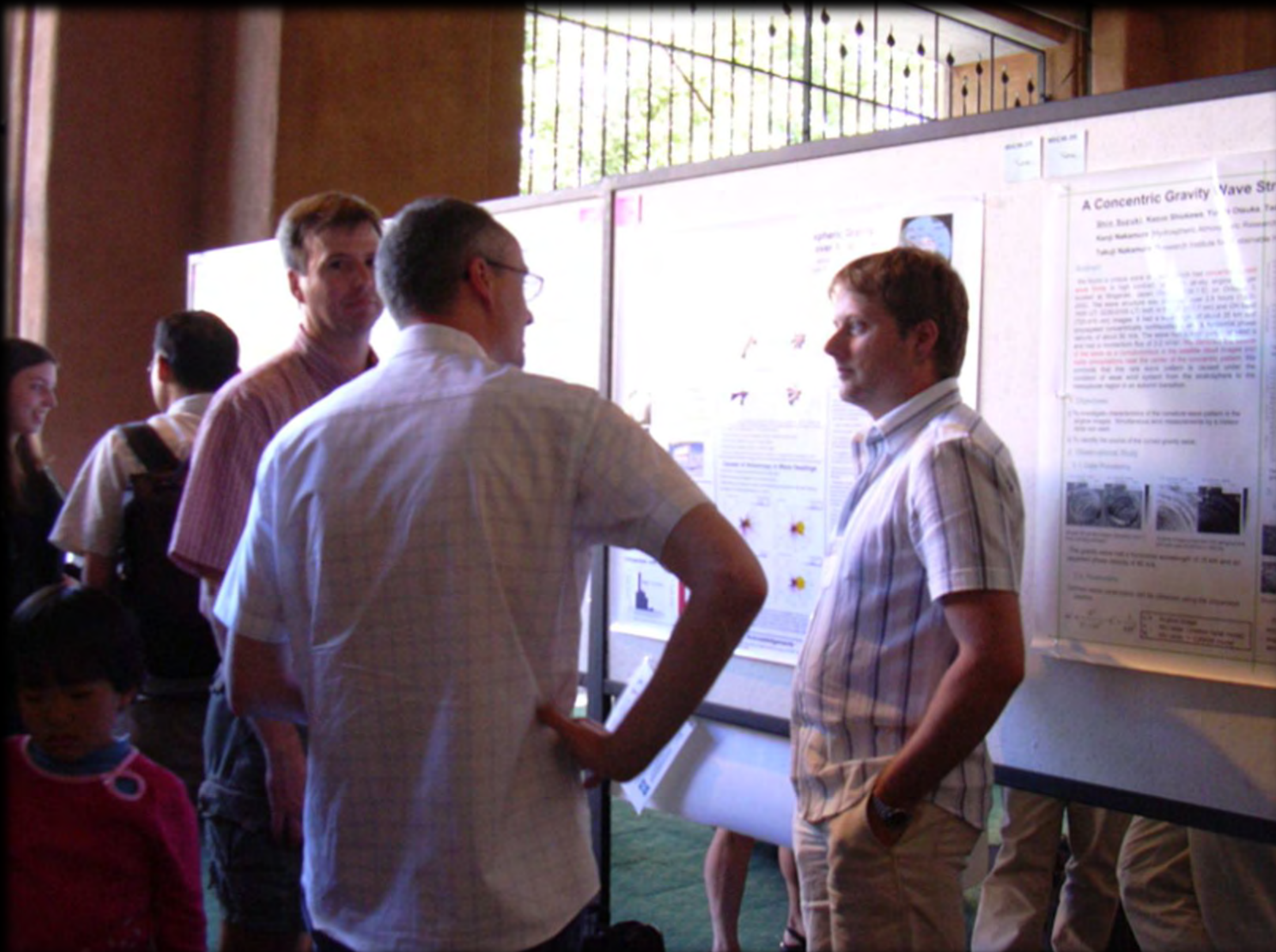
Barbara Emery hands out free T-shirts at the Student Workshop at La Fonda

Sunday Reception at the Eldorado Hotel Anasazi Ballroom:
Delano Gobbi ,Tzu-Wei Fang , … Pedrina Terra dos Santos

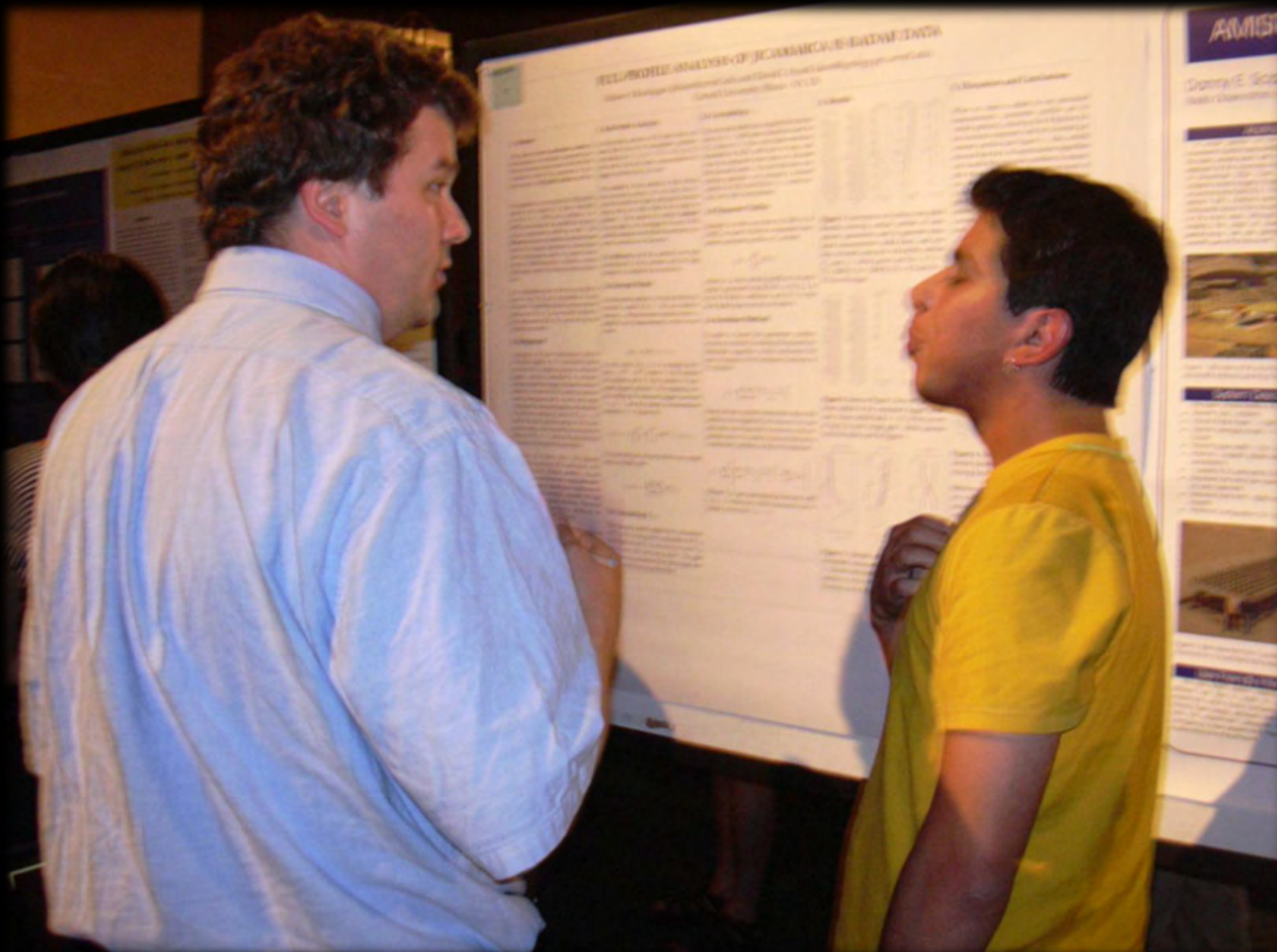
Carlos Martinis, student CSSC rep, sees students to bus for bowling.



John Meriwether and Chet Gardner at the Monday MLT poster session in the Pavilion.


A Concentric Gravity Wave

Delano Gobbi, Joachim Fechine and Pedrina Morais Terra dos Santos



Fabiano Rodrigues of Cornell explains his winning poster to Phil Erickson, chief judge.

Barbara Emery, Dirk Lummerzheim, Doug Geiger, Odile de la Beaujardiere, Marina Galand

Wednesday morning break at La Fonda Hotel.

Josh Semeter of BU is co-chair of the Auroral Boundaries joint workshop.

A huge crowd in the La Fonda Ballroom for the joint banquet Wednesday evening.

CEDAR student tutorial speaker Rod Heelis of UTD tells incoming CSSC chair Jan Sojka of USU what he can expect in his term.

At the joint CEDAR and GEM steering committee lunch Thursday at La Terrazza in La Fonda. Front table: ?, ?, Brian Fraser, Vania Jordanova, Mike Liemohn. Back table: Sixto Gonzalez, Carlos Martinis, Phil Erickson, Koki Chau, Mike Nicolls, ?, Bob Robinson. Middle table: ?, Bob Kerr, Rick Doe, Farzad Kamalabadi, Don McEwen, Unni Pia Lovhaug?. In back Rod Heelis and Eric Donovan.

Eric Donovan, Gang Lu, Josh Semeter, Howard Singer, and Rich Behnke at joint SSC lunch

Marina Galand and Louise Beierle. Outgoing member Marina Galand of BU gives the joint CEDAR and GEM steering committees her observations about the joint workshop.

Back: John Mathews, Bob Kerr, Eric Donovan, Rod Heelis, Josh Semeter, Gang Lu, Howard Singer, Rich Behnke. Front: Bob Strangeway GEM chair, Umbe Cantu, Louise Beierle, and Marina Galand (standing).

The organizers on the La Fonda Terrace overlooking the Cathedral: Umbe Cantu of Rice for GEM, and Barbara Emery and Louise Beierle of NCAR for CEDAR.

Jorge (Koki) Chau and Barbara Emery

Outside Rancho del Chimayo, the favorite restaurant of CSSC member John Mathews of PSU.

Eva Robles and Sixto Gonazalez of Arecibo dance at the impromptu party organized by CEDAR student representative Carlos Martinis at the Eldorado Thursday evening.

The opera gala decorations in the Pavilion where 2 poster sessions were held previously.

Incoming CSSC chair Jan Sojka of USU gives outgoing CSSC chair Sixto Gonzalez of Arecibo a book.

Chimayo tour
on Friday
afternoon

Altar in the Chimayo church

Larisa Goncharenko

Weaver near Chimayo on extra-curricular tour.

Free marimba music in one of the many small shopping squares in Santa Fe.

Free music Friday night at the Cafe Paris.

View from the top floor of the Eldorado Hotel looking over the tent of the Pavilion.

2006
CEDAR

Eldorado Hotel, Santa Fe, New Mexico

This is the pre-conference meeting of the Eldorado staff and the CEDAR Workshop staff (left to right: Ellen Martinez VSP/NCAR, Mara Saubers Eldorado Conference Services, Susan Baltuch VSP/NCAR, Anthony Martinez Eldorado Front Desk, Eduardo Vasquez Eldorado Banquets, Shawna Johnson USU, Barbara Emery HAO/NCAR, and Antoinette Eugenio Eldorado Concierge)

Susan Baltuch

The CEDAR bus from Colorado at the back door of the Eldorado Hotel.


723

Ilgin Seker of PSU leads the class in salsa dancing in the Sunset room on Tuesday night.

Koki Chau and Eva Robles at the Salsa dance

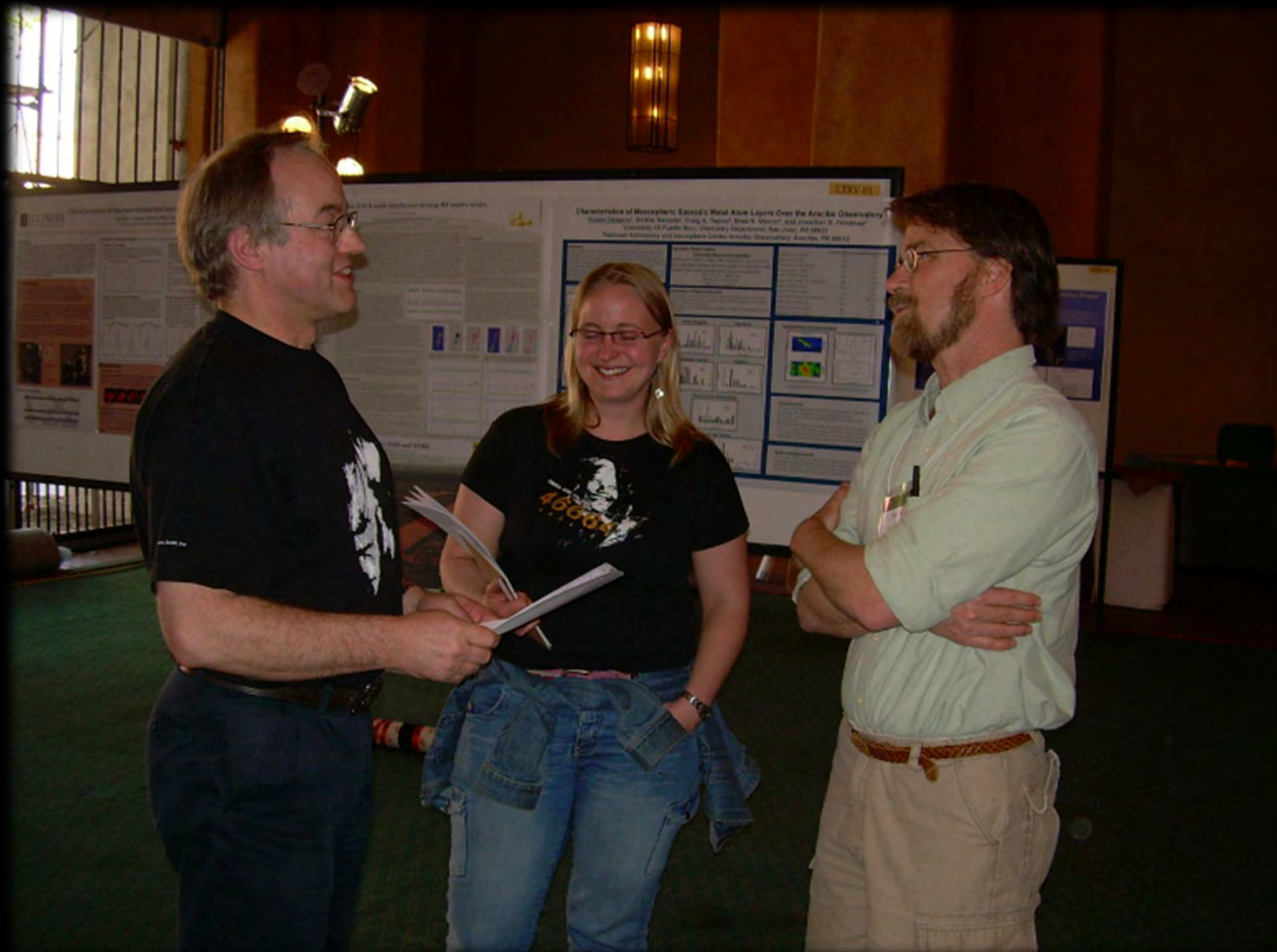
Pedrina Terra dos Santos and Sixto Gonzalez

Sigrid Close speaks at the meteor workshop in Anasazi South.

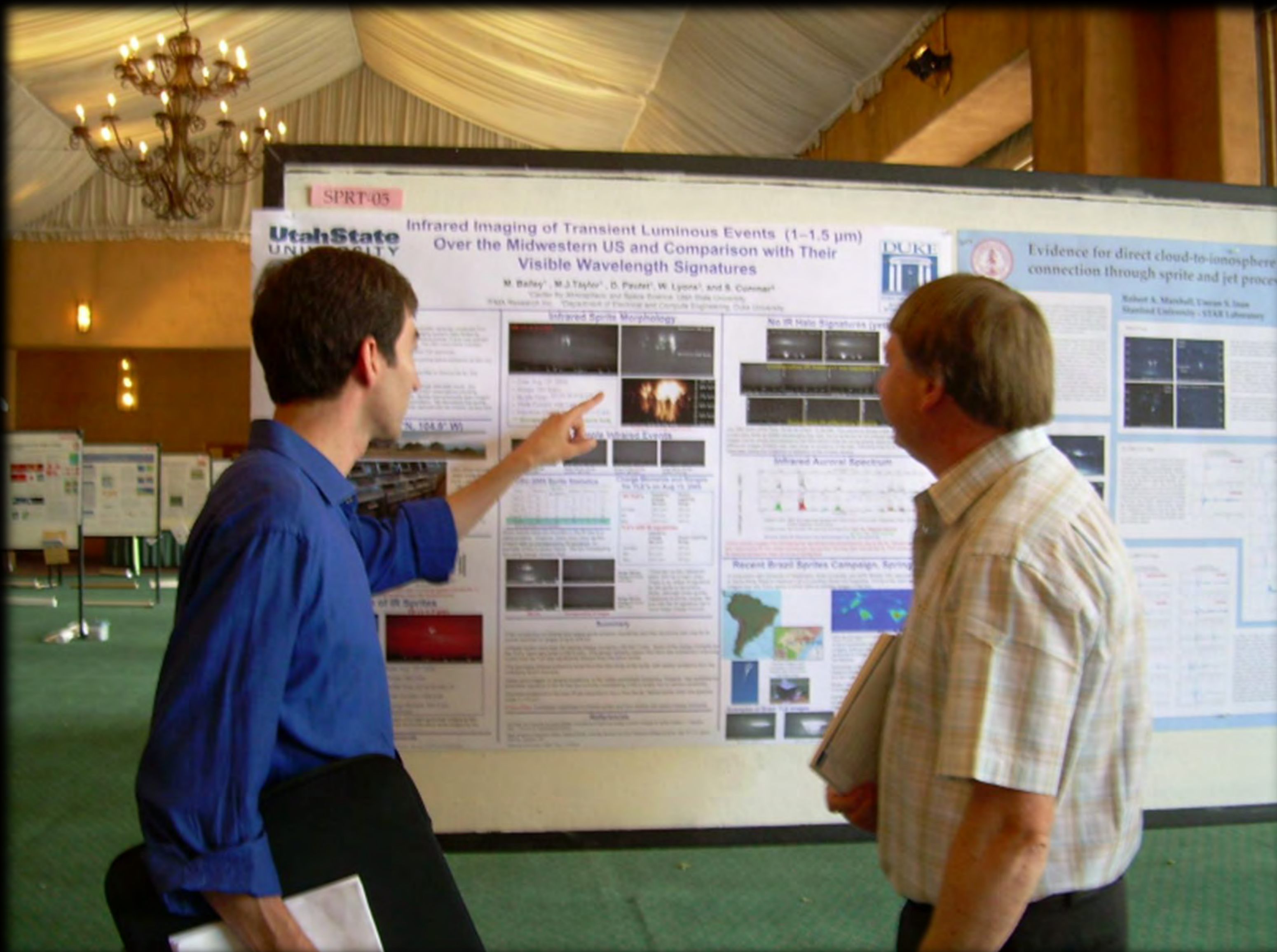
John Meriwether of Clemson asks the speaker Aaron Ridley of the University of Michigan questions at the Fabry-Perot Workshop in Zia.

Abandoned Pueblo of Tsankawi: Joe Grebowsky, Doug Geiger, and Gail Tepley

Guide to Tsankawi, ?, and ?



Rick Doe of SRI, the poster chair (on the right), discusses strategy with two of his judges, Tony van Eyken and Anja Stromme of EISCAT.



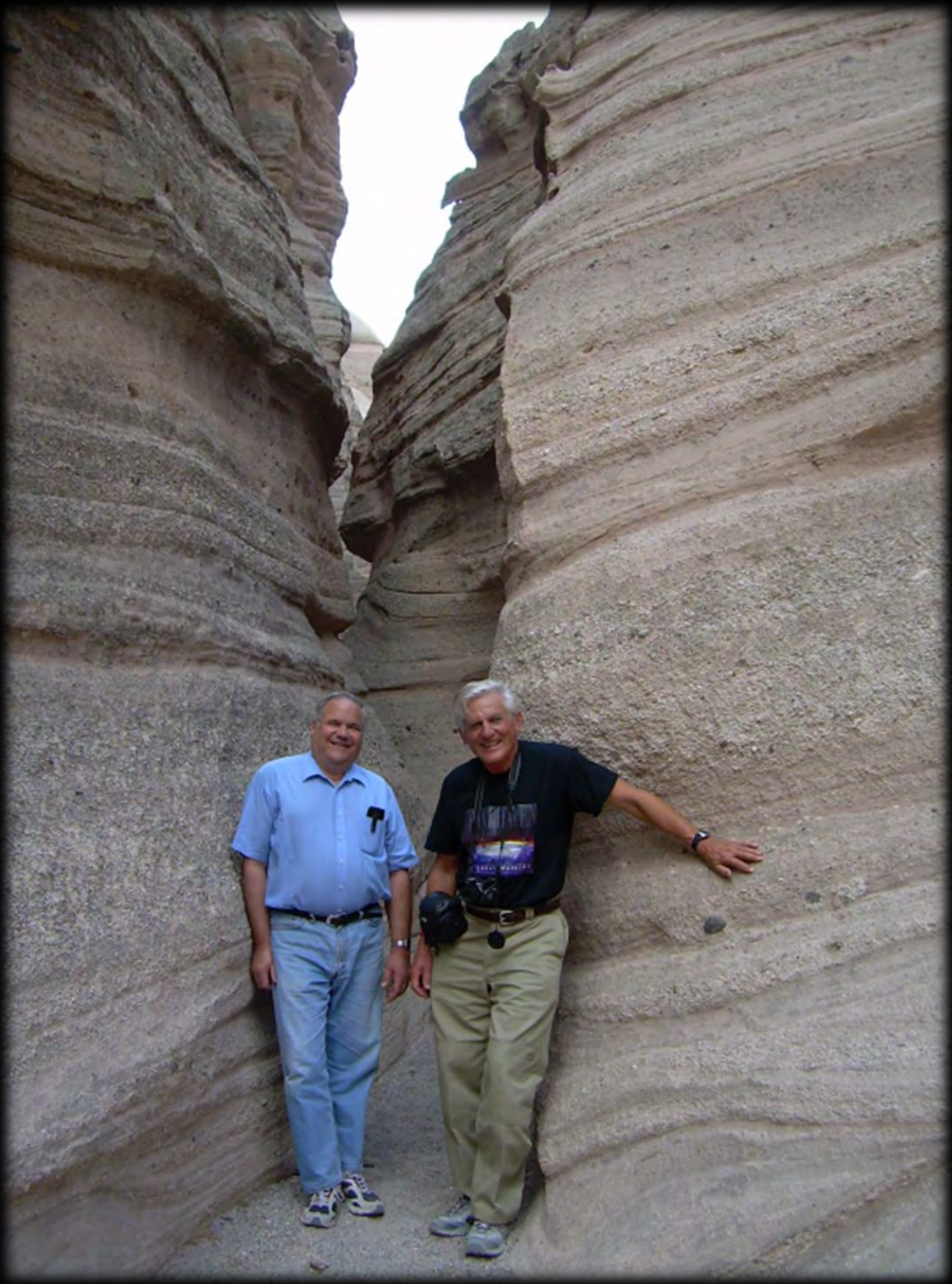
Farzad Kamalabadi of U IL is asking Mike Taylor of USU about his student's poster.

Dirk Lummerzheim, Roger Smith, Tony van Eyken, Chantal Lathuillere, and Doug Geiger

Tent Rocks: Our guide in red describes to Ron Woodman how to descend from where Chantal Lathuillere of Grenoble and Don Farley of Cornell are standing.

Chantal Lathuillere, Don Farley, and our guide to Tent Rocks.

Wes Swartz and Ronald Woodman.



Chantal Lathuillere, Don Farley, Ron Woodman and Wes Swartz.

Wes Swartz

At the Plaza Cafe from left to right: Pamela Loughmiller of Embry-Riddle, Ron Woodman from Jicamarca, Don Farley of Cornell, Barbara Emery of NCAR, Doug Geiger (husband of Barbara), and Wes Swartz of Cornell.

Barbara Emery of NCAR at the Pecos site with a kiva and church in the background with other members of our group.

Larisa Goncharenko

2007
CEDAR

Eldorado Hotel, Santa Fe, New Mexico

General Pictures

Boarding the bus at NCAR to drive to Santa Fe on Saturday June 23. Young-Sil Kwak and sons Jin and Seong; Janet (Zhen) Zeng and driver Andy H.

Boarding the bus at LASP at the University of Colorado in Boulder to drive to Santa Fe on Saturday June 23.

Sunday 24 June 2007 CEDAR Student Workshop, Tutorial by Jeff Forbes (U CO).

Sunday 24 June 2007 CEDAR Student Workshop, Tutorial by Jeff Forbes (U CO).

Sunday 24 June 2007 CEDAR Student Workshop, Tutorial by Jeff Forbes (U CO)

The Sunday June 24 reception at the Eldorado: Don and Susan? Rice (USU), Doug Geiger, Barbara Emery (-Geiger, NCAR), and Matthew Hei (BC).

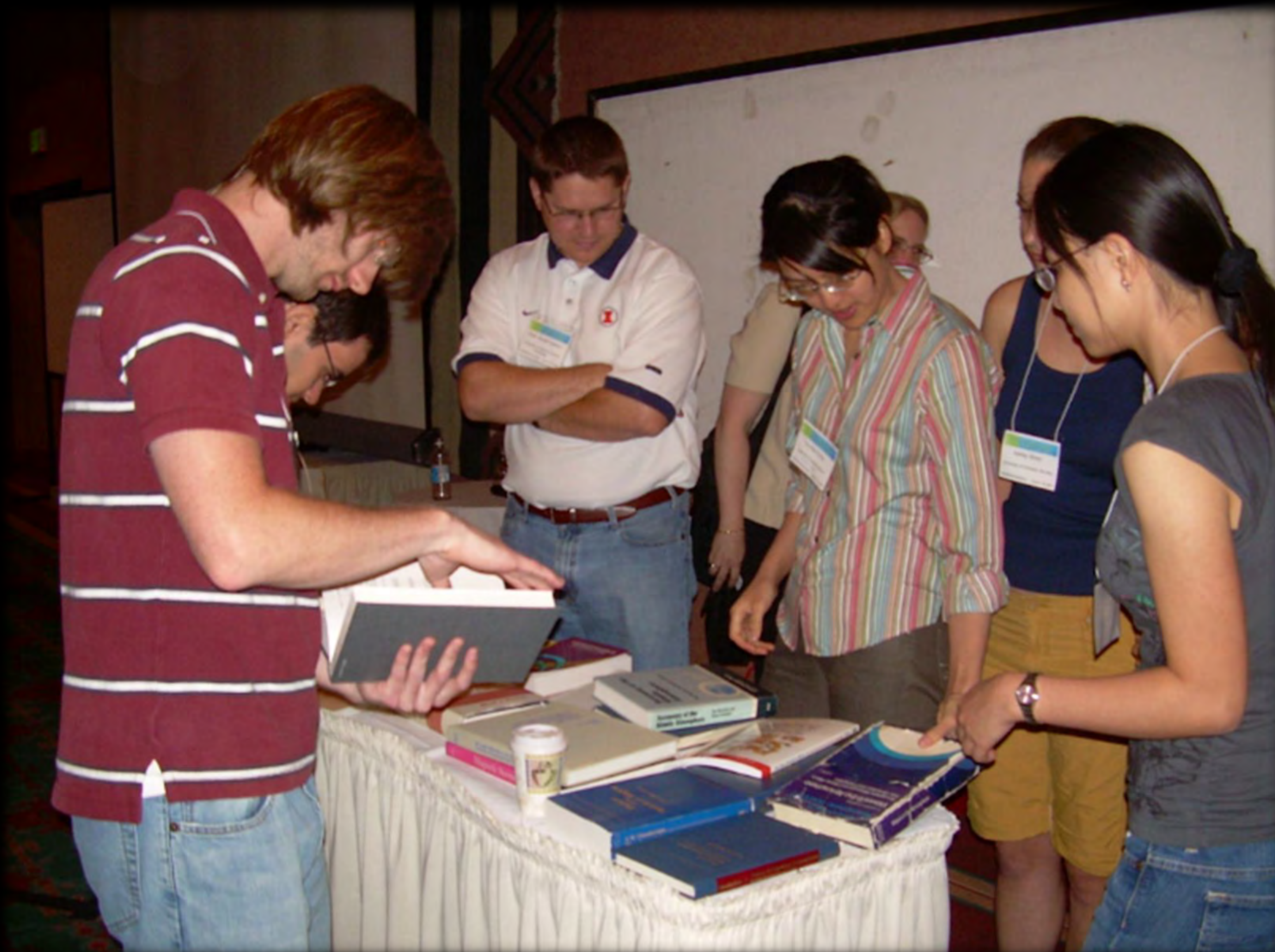
CEDAR Prize Lecturer John Plane (U Leeds, UK, right) receives his certificate from CEDAR Science Steering Committee Chair Jan Sojka (USU, left).

Video-con with Arecibo Observatory on 26 June with Part 1 of Arecibo Friends Workshop. Front row: Mike Sulzer (Arecibo Obs), Laura Waldrop (U IL), Farzad Kamalabadi (U IL), ?Rick Doe (SRI). Second row: Steve Watchorn (Sci-Sol) and John Noto (Sci Sol).

Video-con with Arecibo Observatory on 26 June with Part 1 of Arecibo Friends Workshop

John and Barbara Holt, ? Van Eyken, Roger Smith, Doug Geiger, and Barbara Emery(-Geiger).

Student poster prize winners: Ashley Wiren (2cnd, U CO), Alexander Hassiotis (hon, PSU), Chunmei Kang (hon, U CO), Matthew Zettergren (1st, BU), Chad Carlson (2cnd, U IL), Shasha Zou (hon, UCLA), Tzu-Wei (Vicky) Fang (hon, NCU/TW and NCAR), Roger Varney (undergrad, Cornell), and Jeremy Riousset (1st, PSU).



Student poster prize winners choosing books: Alexander Hassiotis (PSU), Matthew Zettergren (BU), Chad Carlson (U IL), Anthea Coster (judge), Vicky Fang (NCU/TW), Ashley Wiren (U CO) and Chunmei Kang (U CO).

Barbara Emery, Wes Swartz, Doug Geiger, and Frank Mulligan.

View from cliffs at White Rock by Los Alamos, New Mexico, 27 June 2007 on NM Sampler trip with Santa Fe Destinations.

View from cliffs at White Rock by Los Alamos, New Mexico, 27 June 2007 on NM Sampler trip with Santa Fe Destinations.

Chimayo church.

John Plane, CEDAR Prize Lecturer, buys a wall hanging as a souvenir from a Chimayo weaver.

Rancho del Chimayo restaurant: Mitch and Susan Baltuch, Barbara Emery, and Frank Mulligan.

Frank Mulligan, Susan and Mitch Baltuch, and Barbara Emery.

The cathedral in Santa Fe.

Larisa Goncharenko at the Santa Fe plaza.

Mike Ruohoniemi, Doug Geiger, and Barbara Emery at the antique car display on the Plaza.

2007
CEDAR

Eldorado Hotel, Santa Fe, New Mexico

Sunday Soccer Game at Fort Marcy Park

2010 CEDAR 25th ANNIVERSARY


HENRY


340
HENRY


340
EXPRESS


340


340
23


CORNELL
ENGINEERING

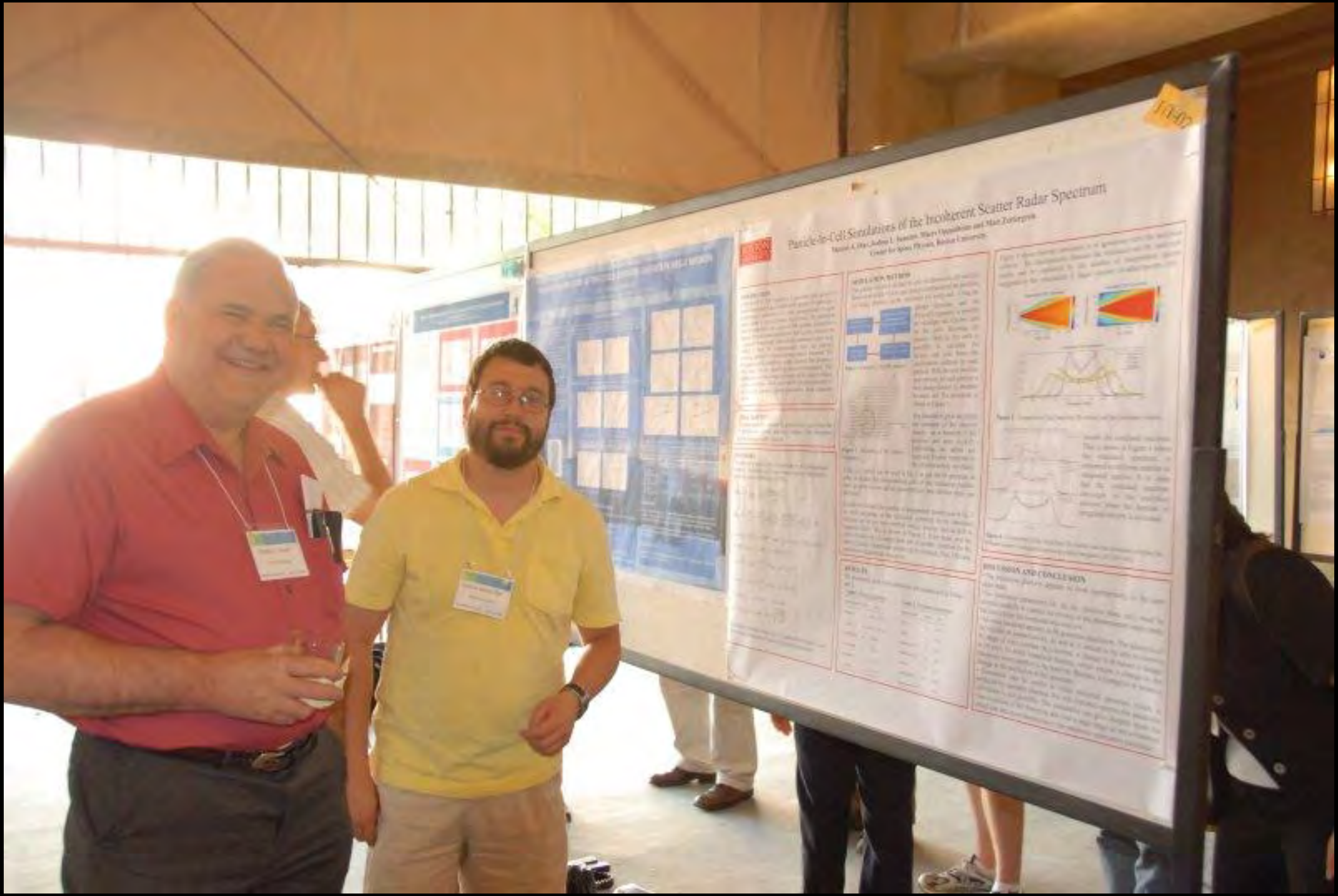

340

2007 CEDAR

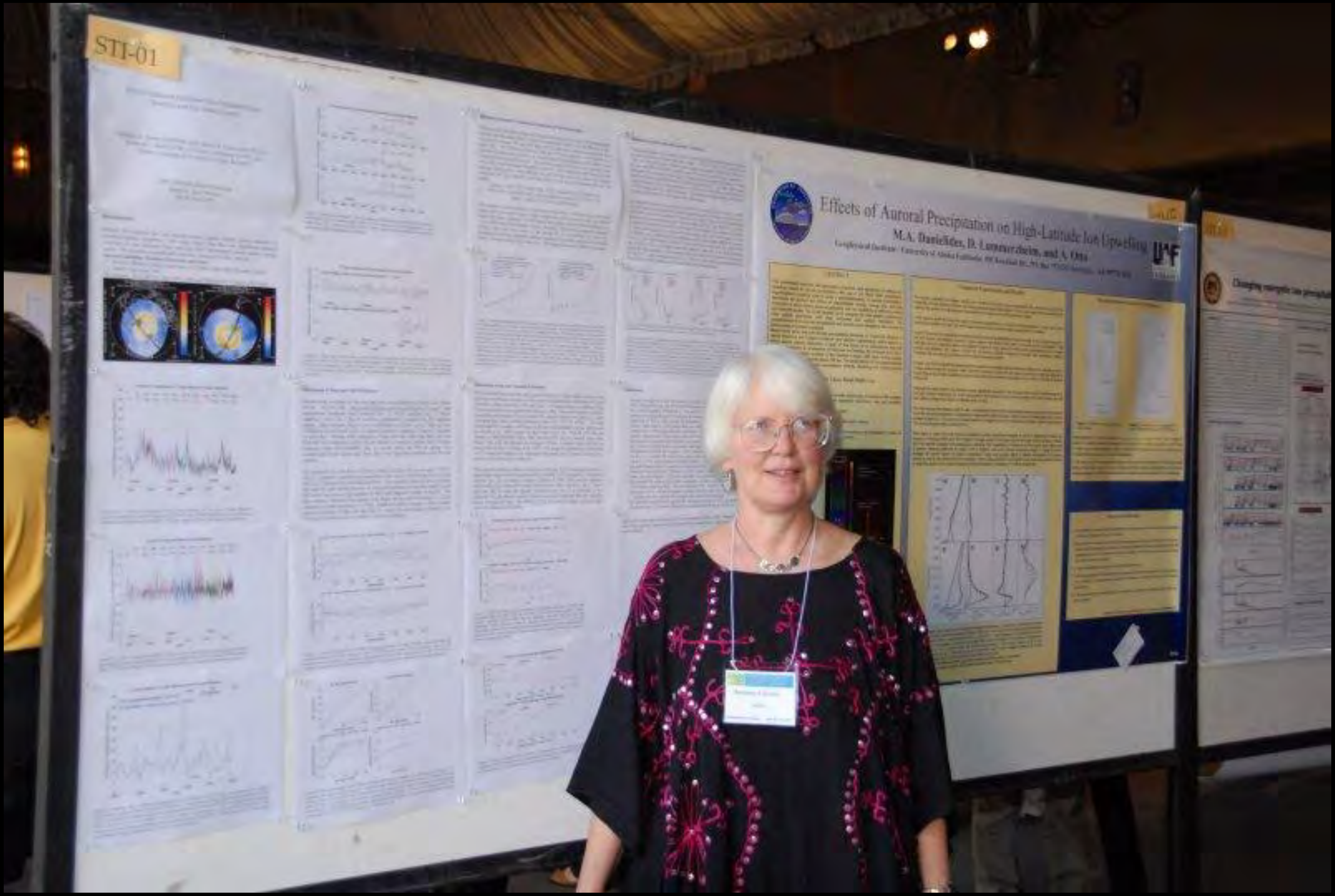
Eldorado Hotel, Santa Fe, New Mexico

Monday Poster Session

Monday Poster Session Everyone socializing: ? and ?; Pedrina Santos (Arecibo) and Amauri Medeiros (INPE/USU); Dwight Decker (AFRL) and Bob Schunk (USU); John Plane (U Leeds, UK).

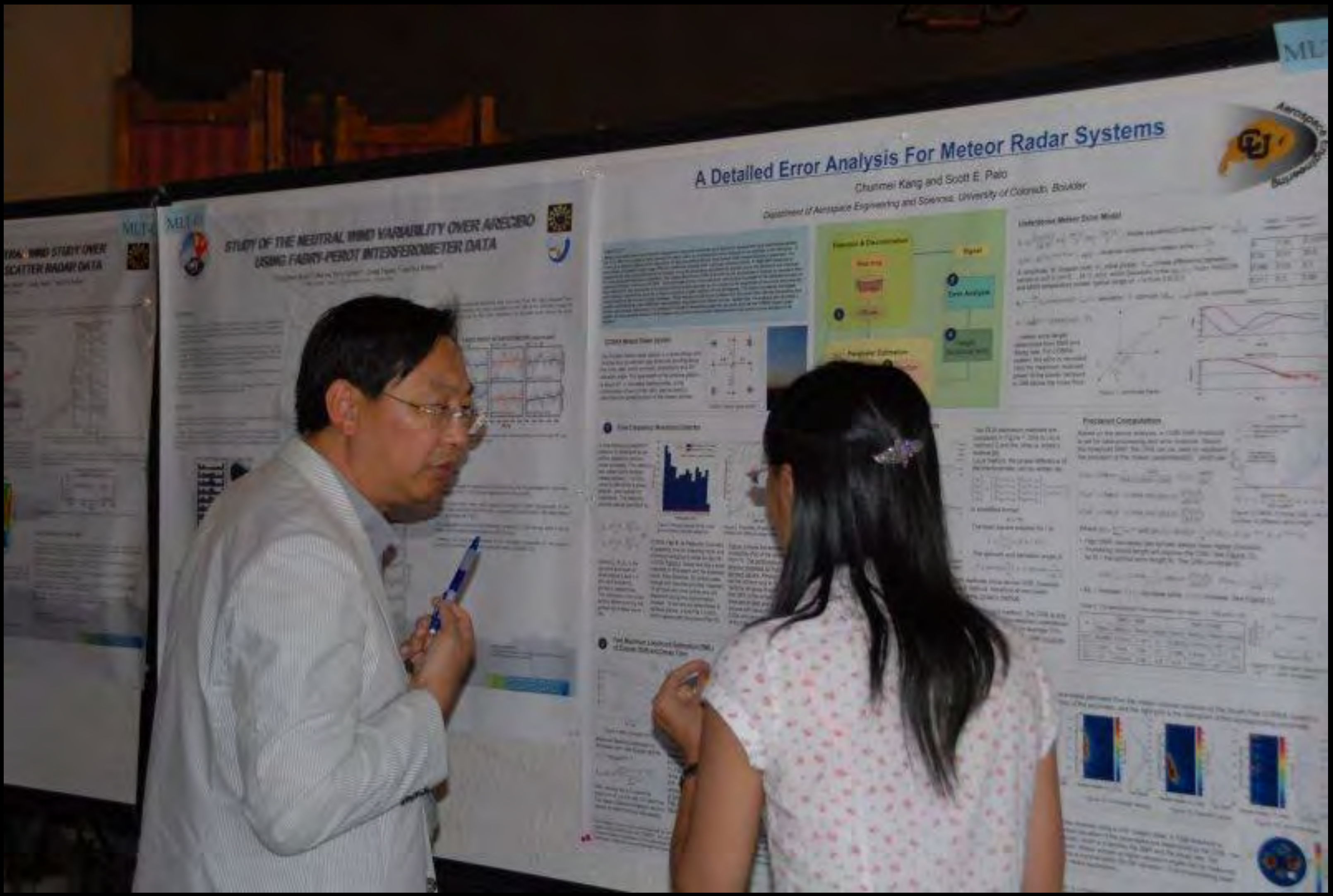


Monday Poster Session Wes Swartz (Cornell) and Marcos Diaz (BU, ITI-02)

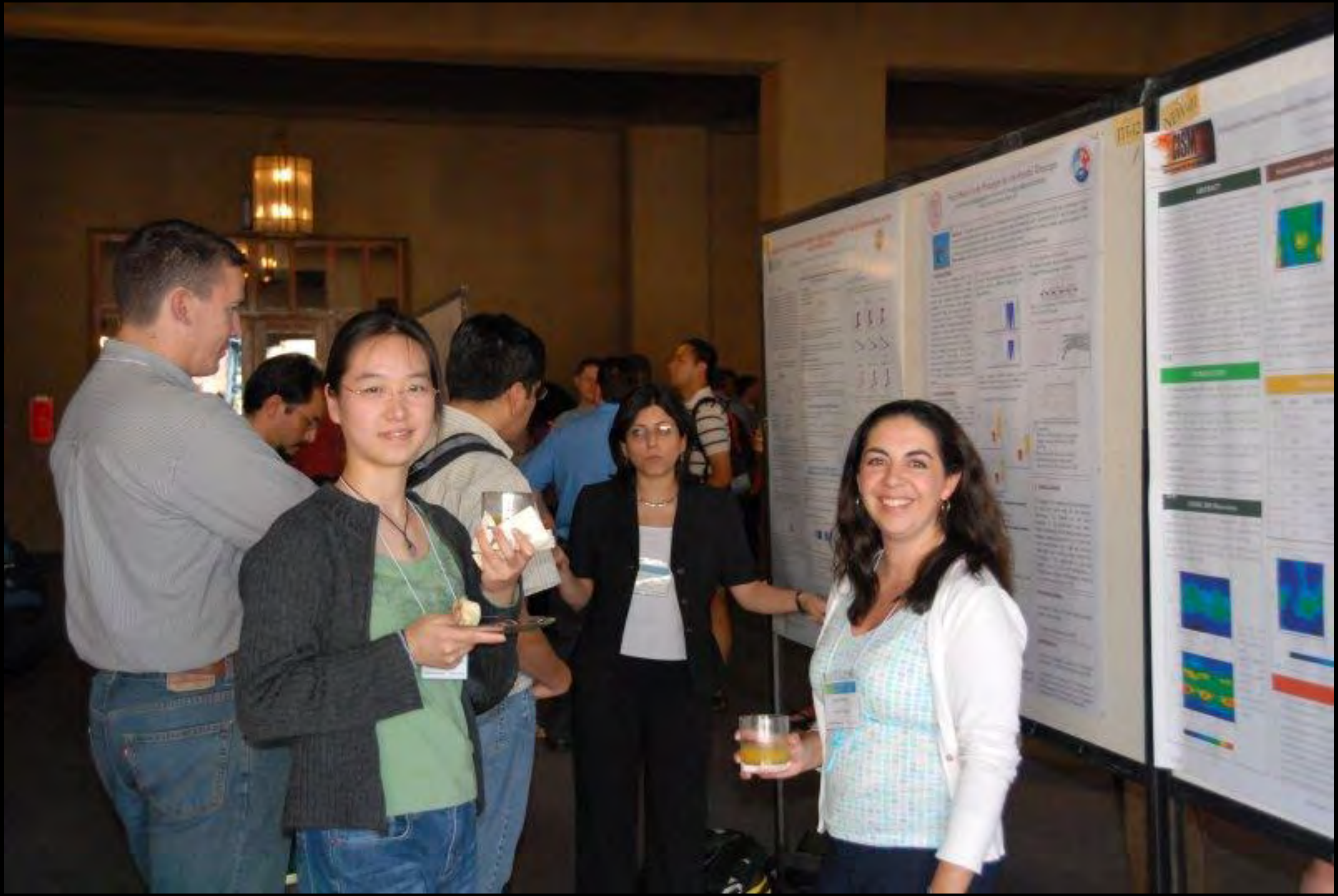


Monday Poster Session Barbara Emery (NCAR, STI-01).

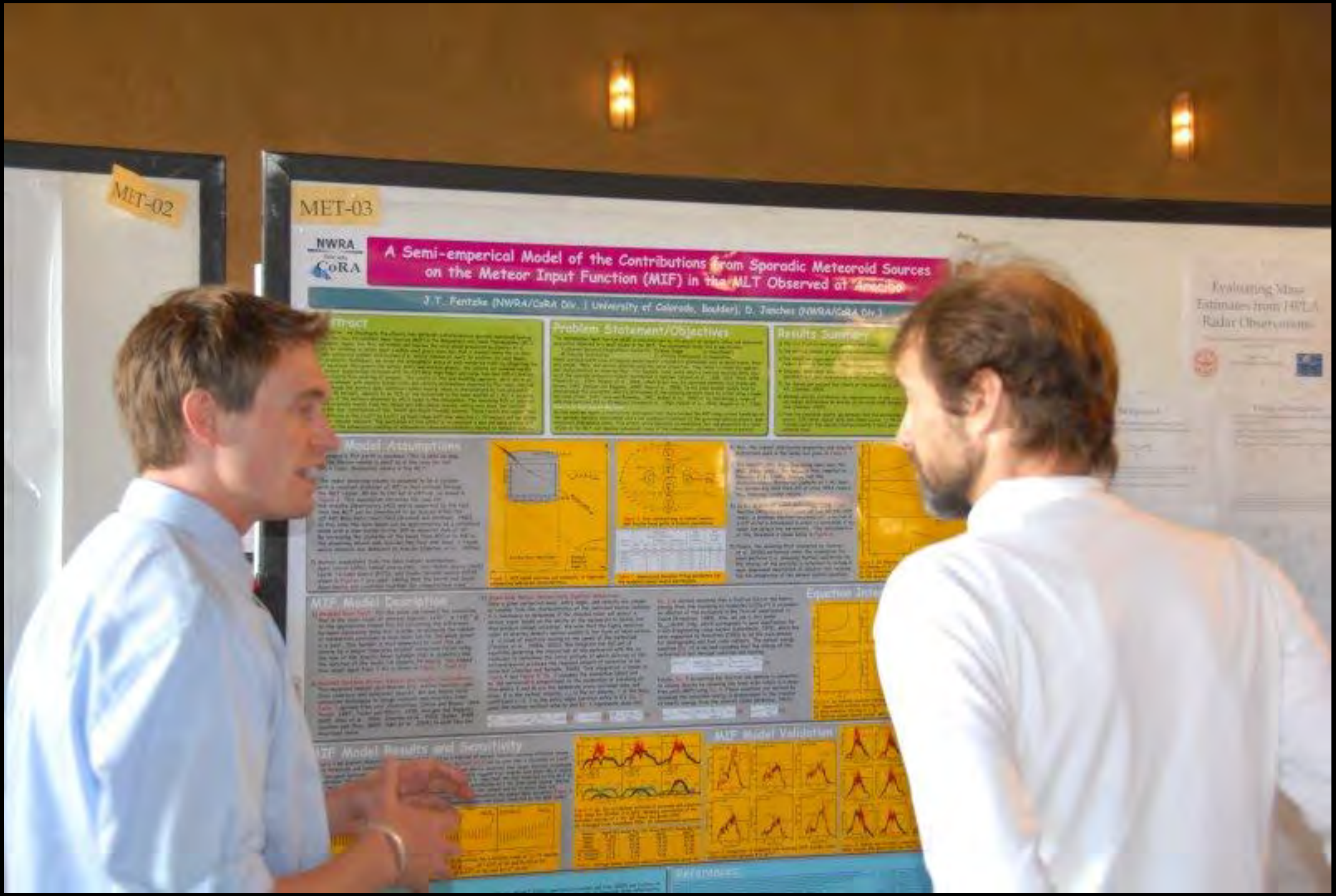
Monday Poster Session Everyone talking: Dave Anderson (NOAA); Tao Yuan (?, CSU?, LEE-01) and Larisa Goncharenko (? MIT); Narayan Chapagain (USU, EQU-04) and Durga Kafle (?, USU); ? and Chunmei Kang (U CO, MLT-04).



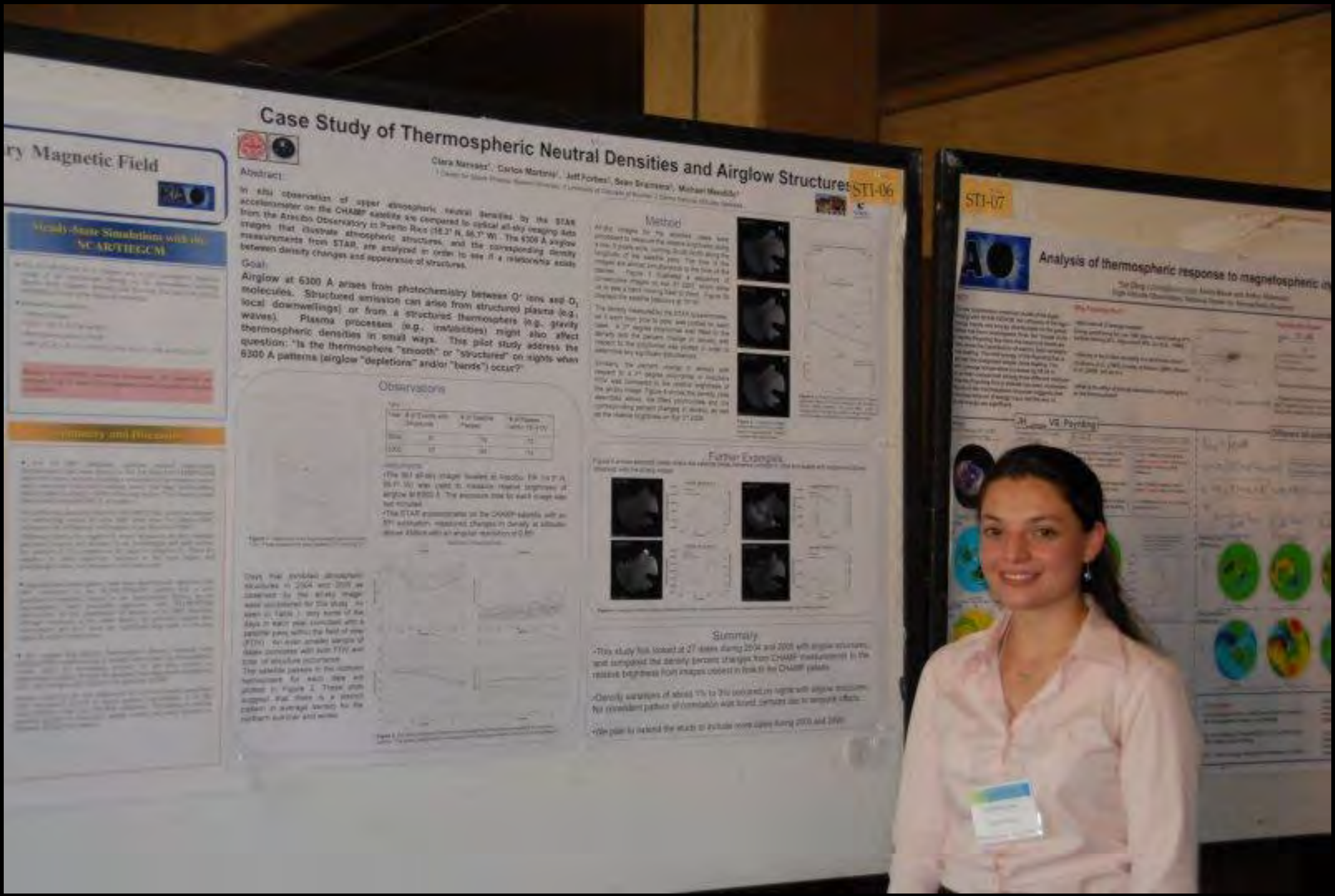
Monday Poster Session ? and Chunmei Kang (MLT-04).



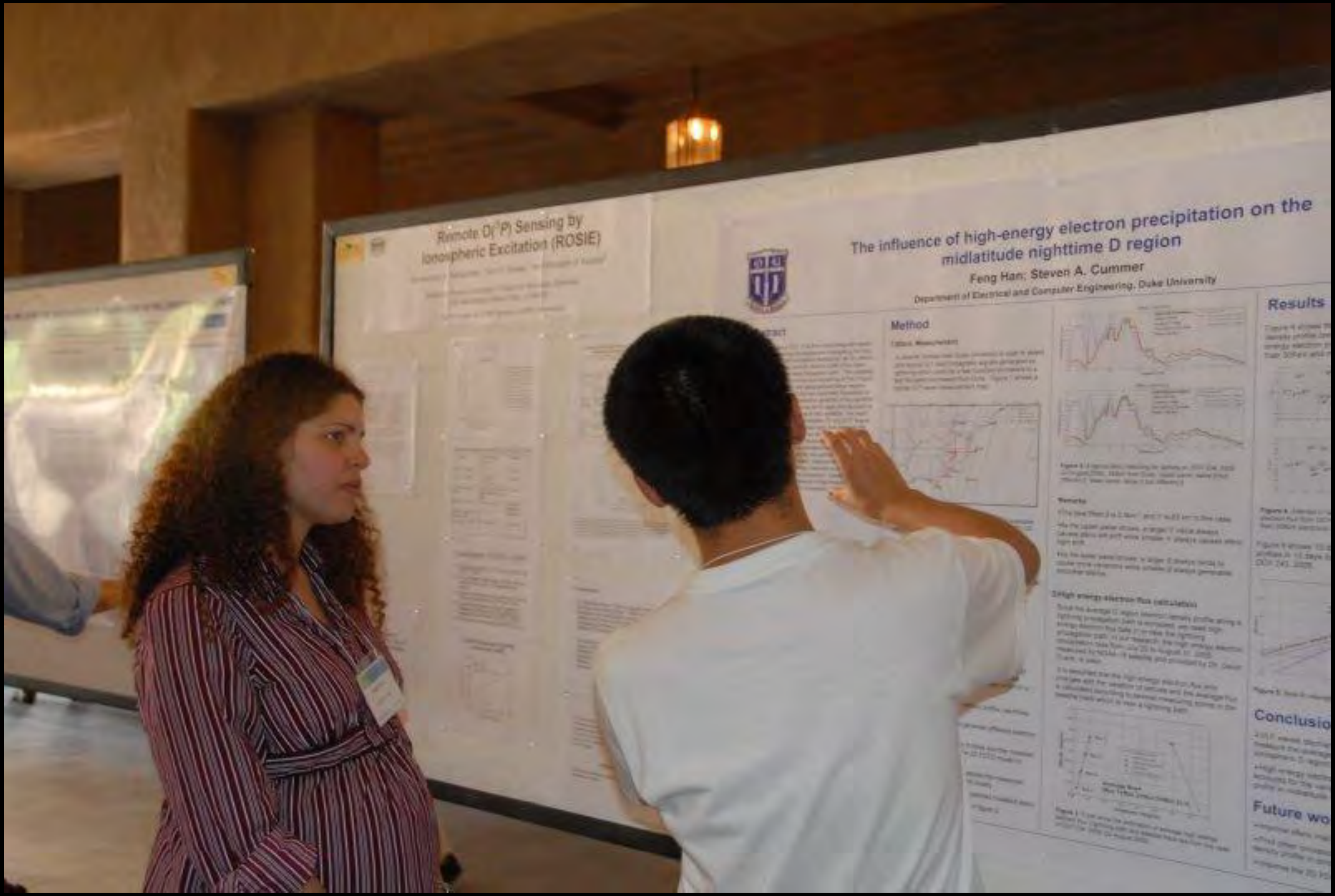
Monday Poster Session Janet (Zhen) Zeng (NCAR), Romina Nikoukar (in back, U IL) and Eliana Nossa (Cornell, ITI-12).



Monday Poster Session Jonathan Fentzke (U CO, MET-03) and ?.



Monday Poster Session Clara Narvaez (BU, STI-06).



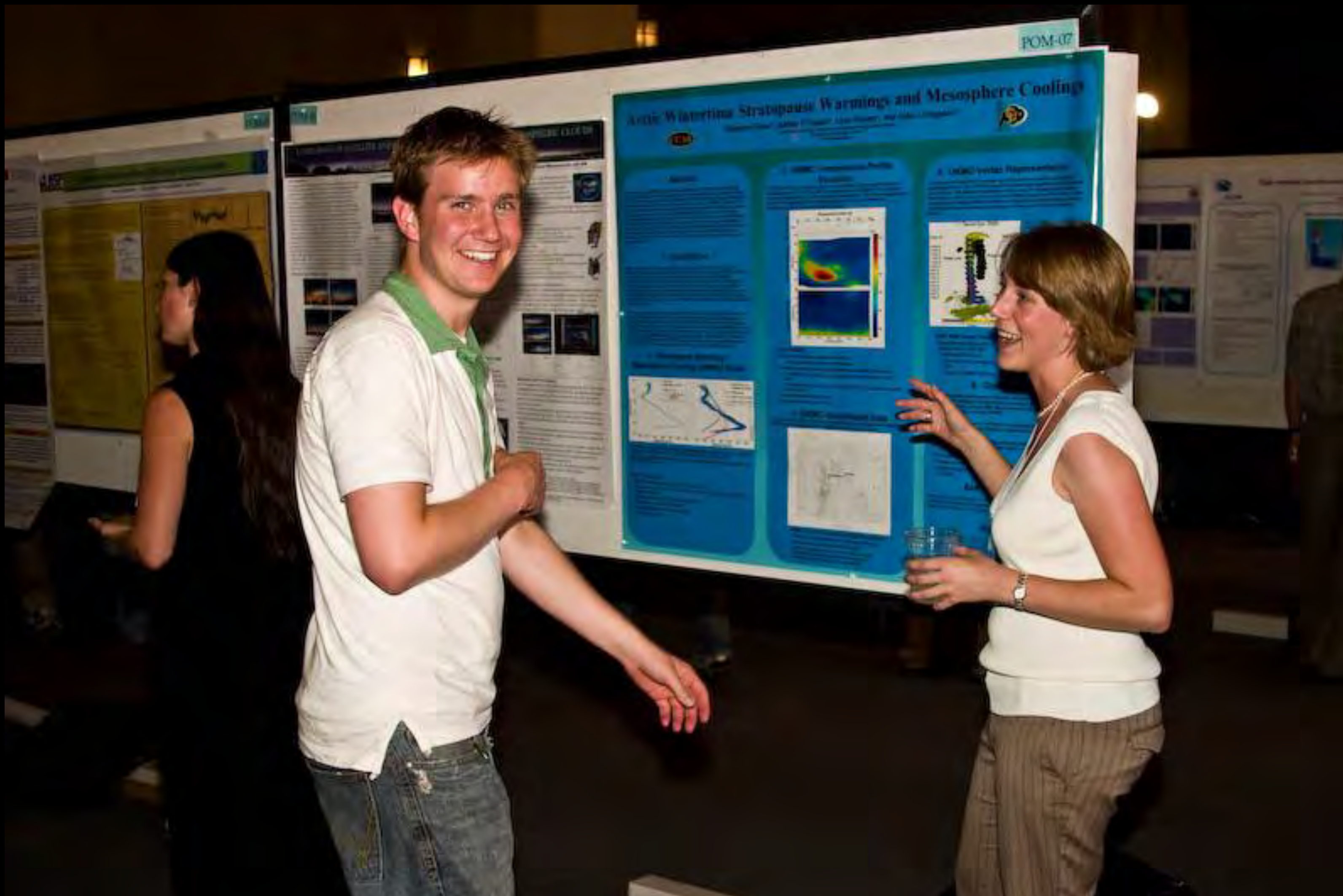
Monday Poster Session Feng Han (Duke, ITI-06) explains his poster to Madj Matta (BU).

2007 CEDAR

Eldorado Hotel, Santa Fe, New Mexico

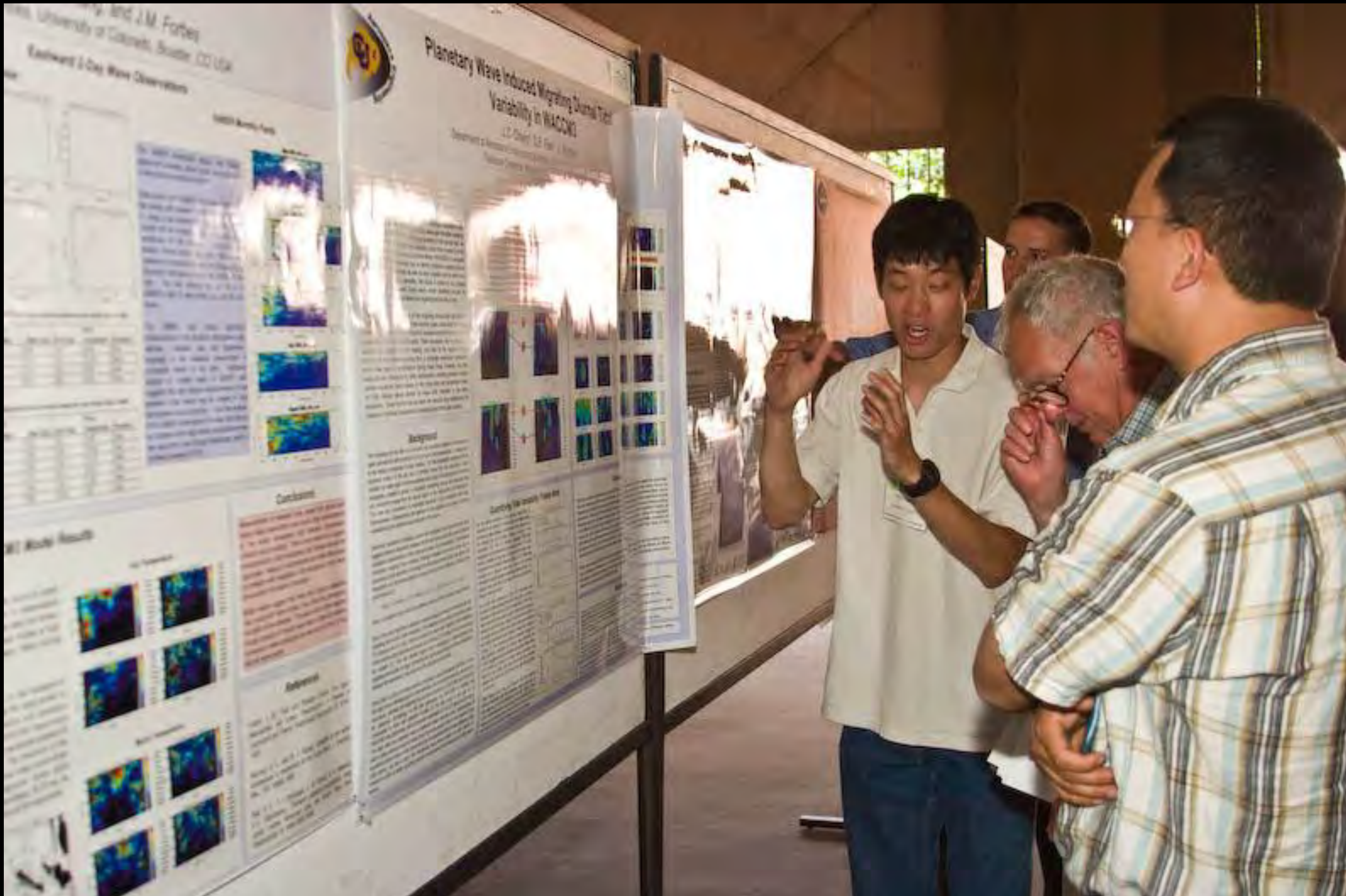
Tuesday Poster Session

2010 CEDAR 25th ANNIVERSARY

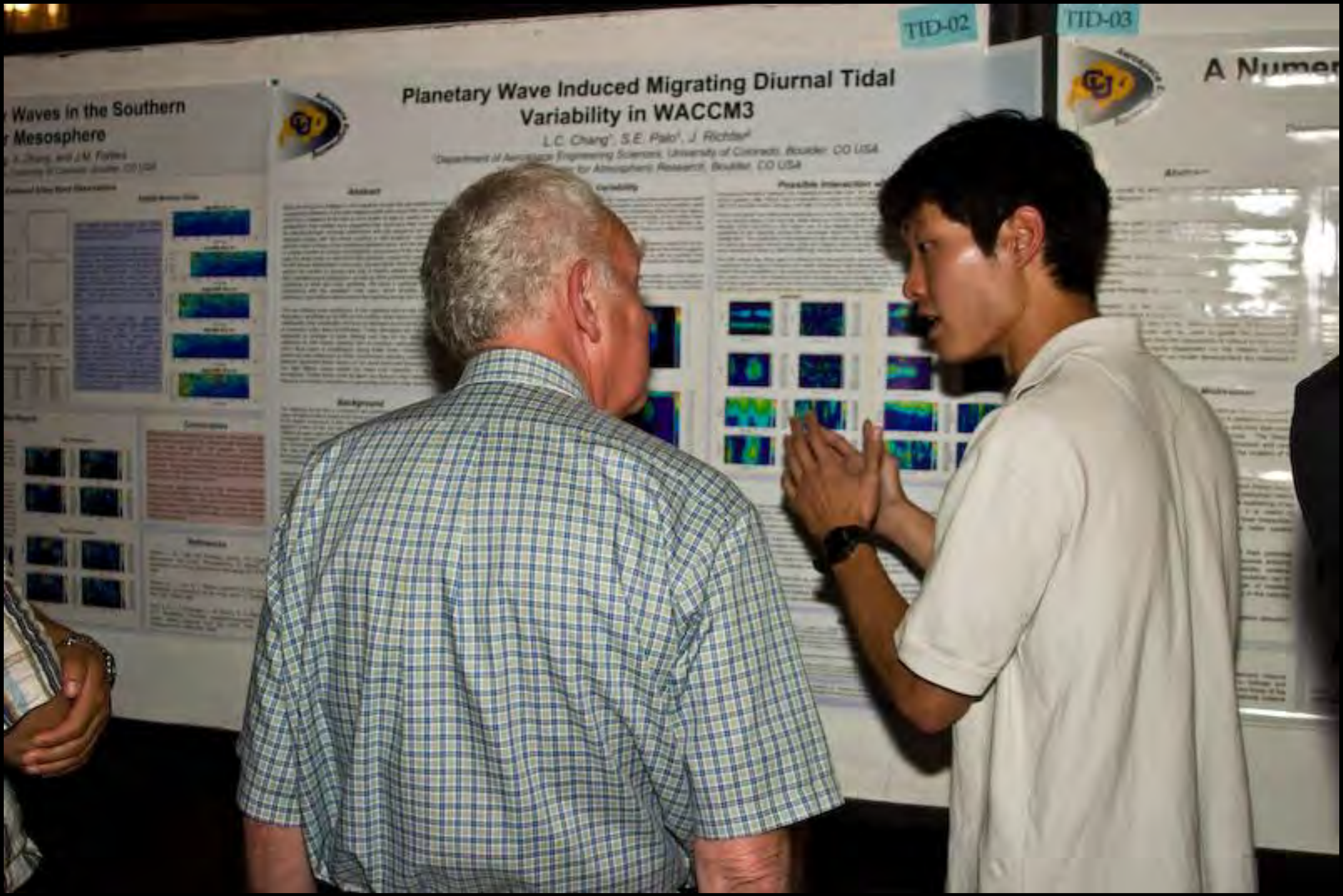


Katelynn Greer (U CO undergrad) explains her poster.

Jeremy Riousset (PSU, 1st place winner) explains his poster to the judges (Dan Marsh) with green folders.



Loren Change (U CO) explains his poster.



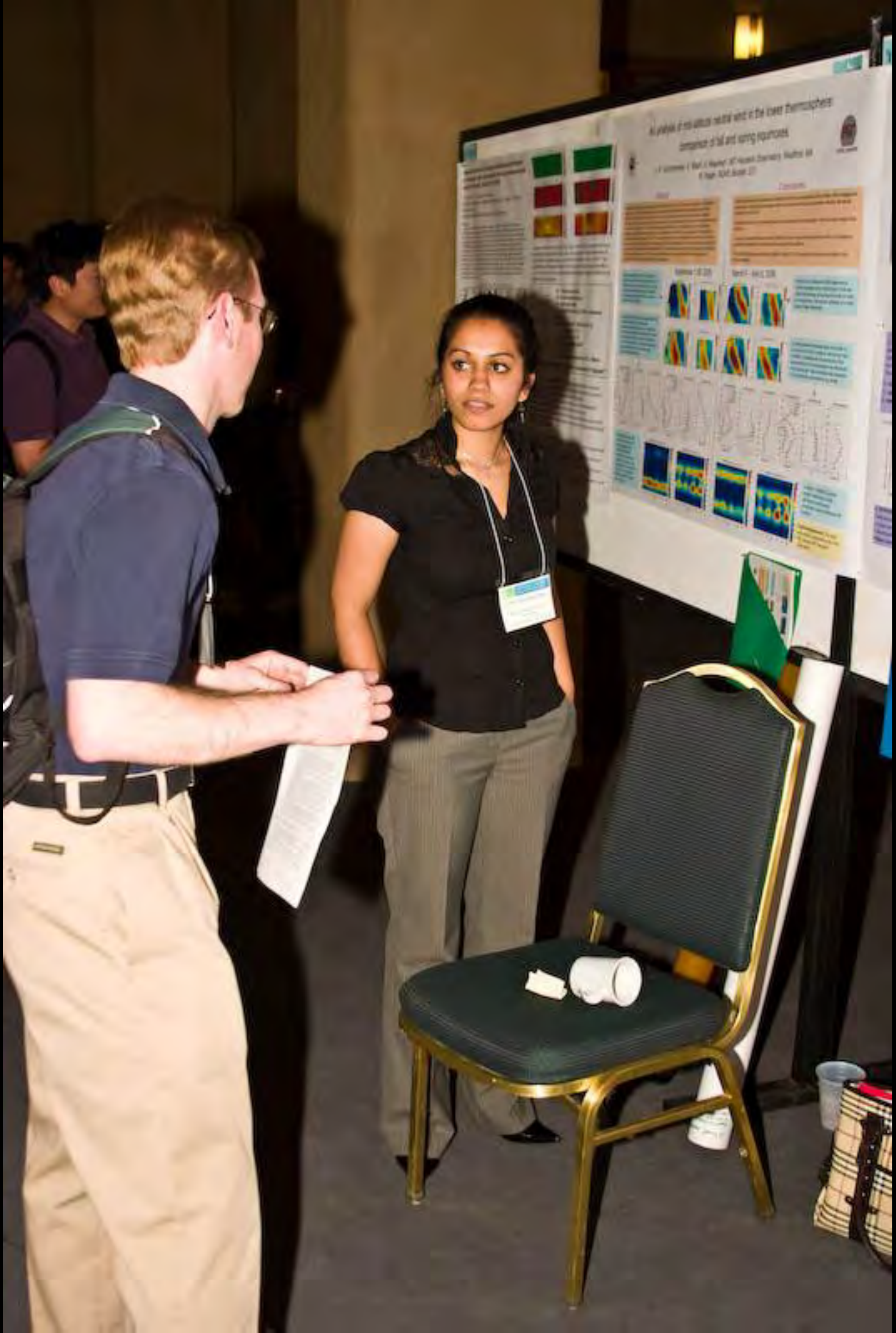
Loren Change (U CO) explains his poster to David Anderson (NOAA).

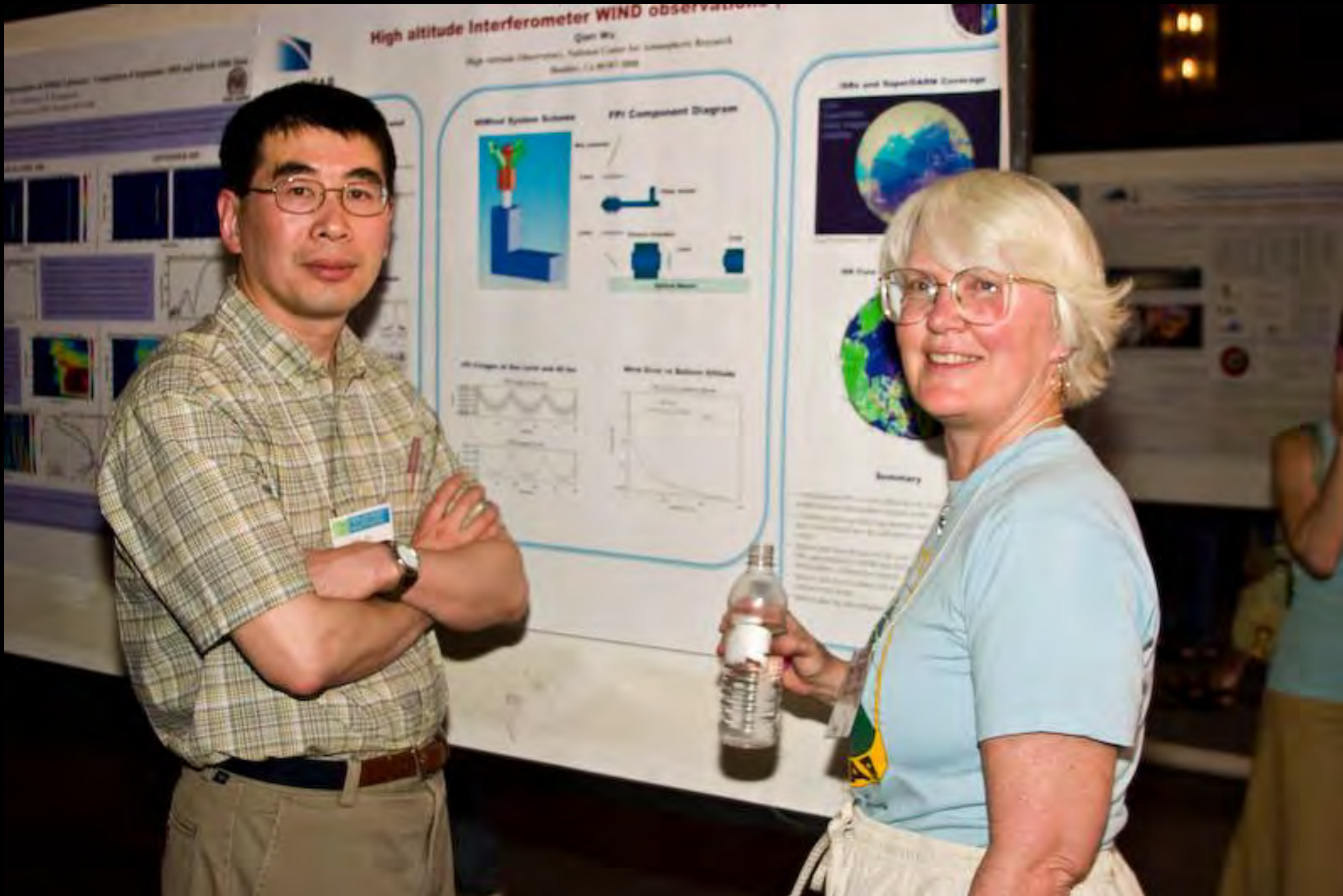
Kyle Johnson (U CO) explains his poster.

Jeff Thayer (CSSC incoming chair, U CO) in front of his student Laura Brower's poster (U CO).

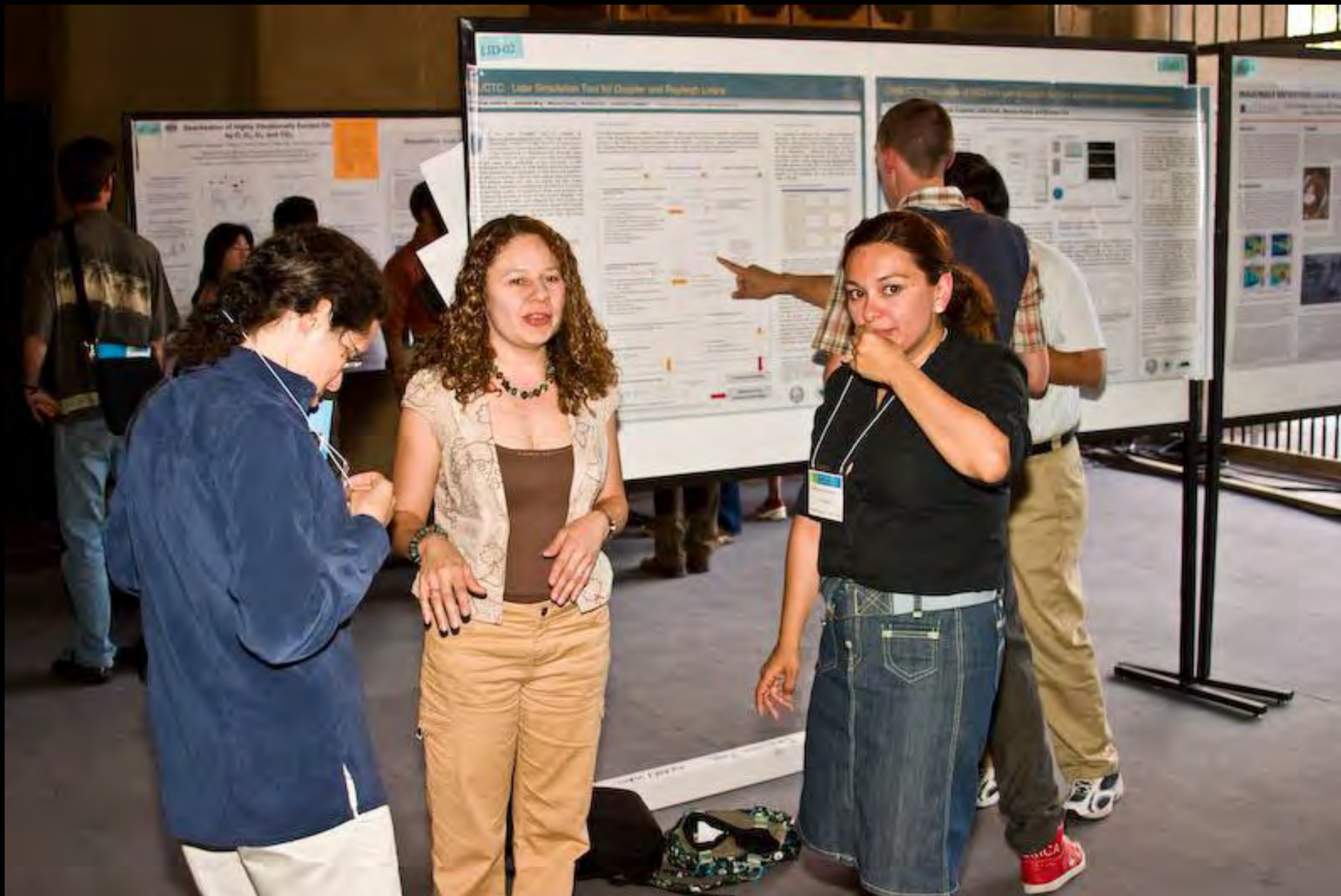
Jonathan Snively, Jonathan Fentzke and others talking at the poster session.

Amrita Masurkar (undergrad, MIT REU) describes the posters she did with her advisor Larisa Goncharenko to John Emmert (NRL).





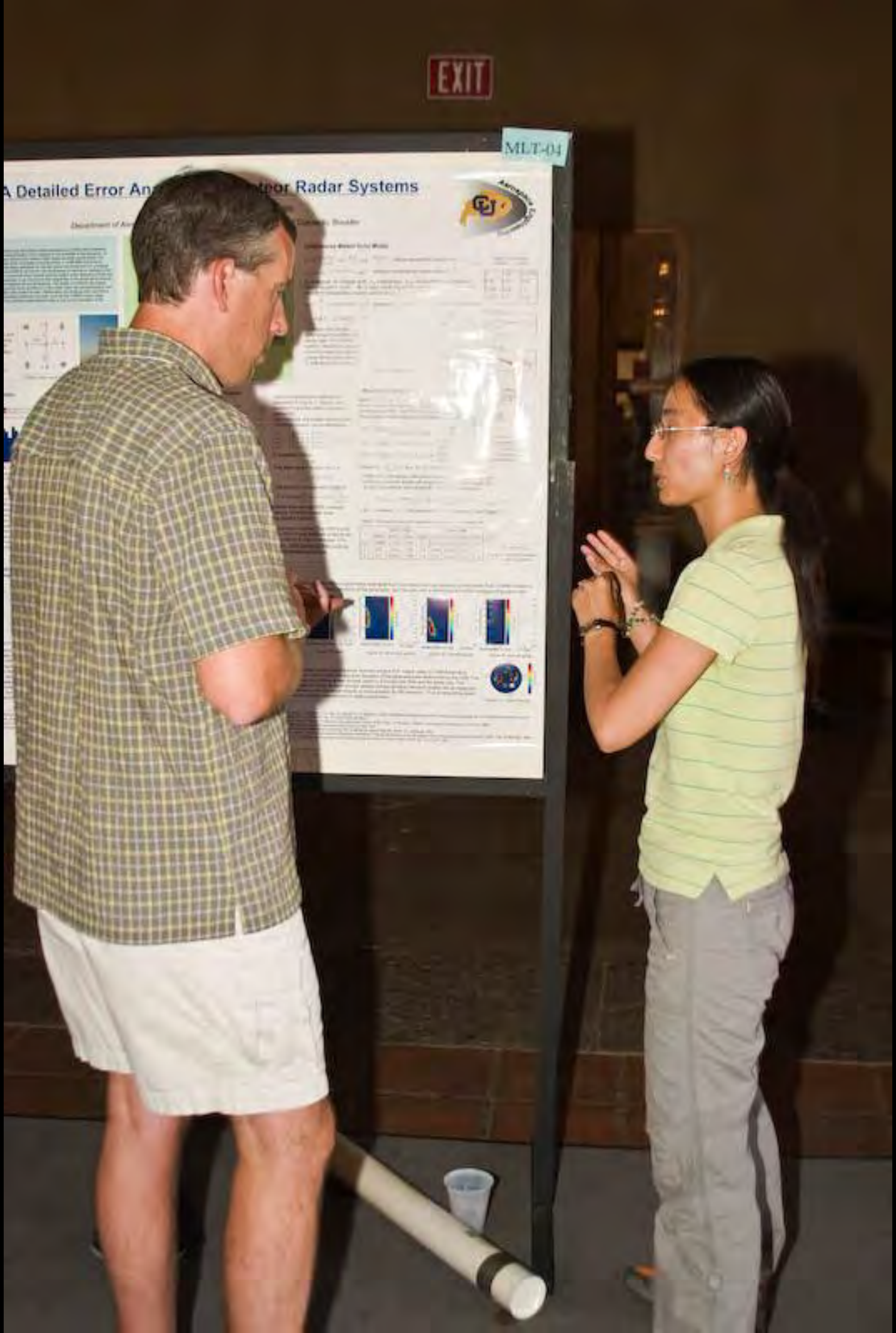
Qian Wu (NCAR) explains his poster to Barbara Emery (NCAR).

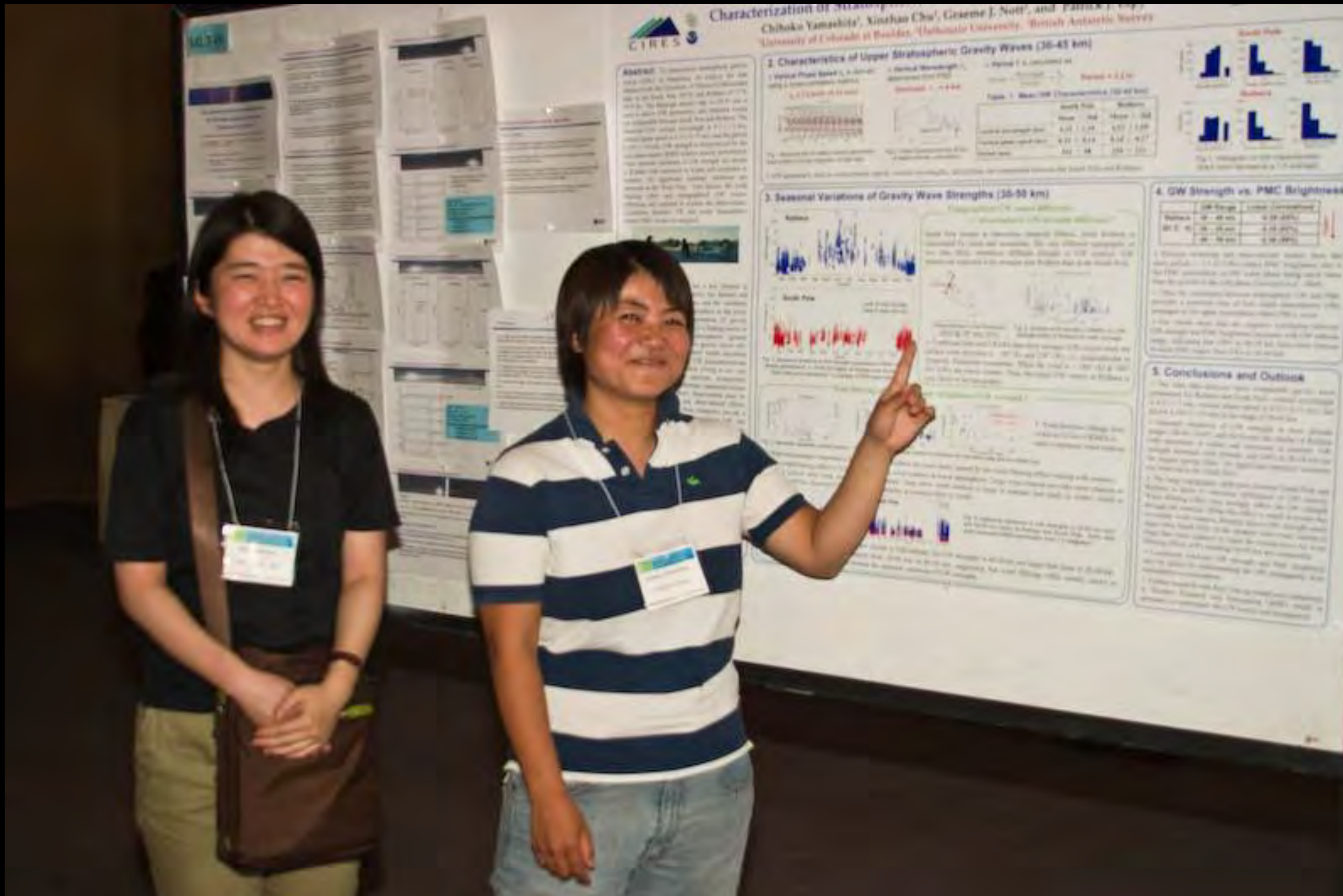


Talking with others.

Jodie Barker (undergraduate USU) explains her poster to Jonathan Snively (PSU).

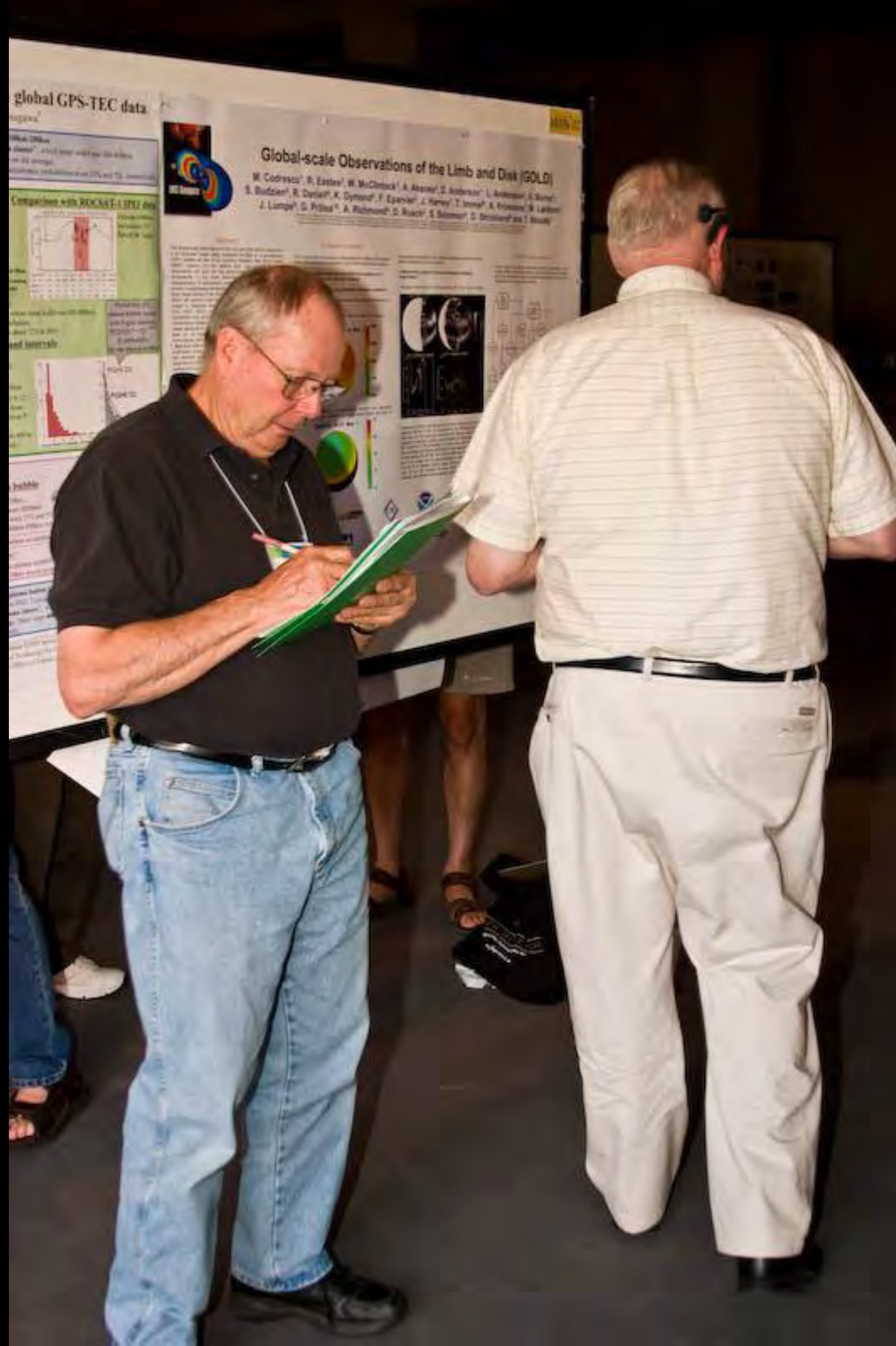
Chunmei Kang (honorable mention, U CO) and her advisor, Scott Palo (U CO) discuss her poster.





Chihoko Yamashita (U CO) on the right points out her poster with friend ?.

Judge Gary Swenson (U IL) makes marks in his green judge's folder with John Meriwether (Clemson) in the background.



?Sean Harrel (CSU) explains his poster to Shikha Raizada (Arecibo Obs) and Rich Collins (U AK).

Jeff Thayer (CSSC incoming chair, U CO).

2008
CEDAR

Zermatt Resort, Midway, Utah

2010 CEDAR 25th ANNIVERSARY


Zermatt
RESORT & SPA
DOLCE Conference Destination

Zermatt
hostess and
Susan Baltuch

Vince Wickwar (USU)

Rich Behnke (NSF)

Courtesy of Jonathan Friedman 2008

Susan Nossal and Nikoloz Gudadze.

Doug Geiger, Barbara Emery, Dirk Lummerzheim, Roger Smith, Susan and Jan Sojka.

At the CSSC lunch: Mike Ruohoniemi, Doug Geiger, Jeff Thayer, Hanli Liu.

Poster judges: Diego Janches, Rick Doe, and Simon Shepherd.

Poster judges: Simon Shepherd, Rick Doe, and Diego Janches.

Poster Winners, graduate students and undergraduates (Allen Kummer, (PSU) Katherine Roach (U MD/NRL) Jonathan Sparks (U CO), Nicholas Pedatella (U CO), Tzu-Wei Fang (NCAR/NCU TW), Kathrin Haeusler (NCAR/GFZ DE) and Sarah Broadley (U Leeds, UK)).

Poster judges in 'uniform' (Rick Doe, Diego Janches, Simon Shepherd), and Poster Winners, graduate students and undergraduates (Allen Kummer, Nicholas Pedatella, Katherine Roach, Jonathan Sparks, Tzu-Wei Fang, Kathrin Haeusler, and Sarah Broadley).

Doug Geiger and Barbara Emery at Utah Olympic Park June 20

Barbara Emery and Doug Geiger on the train of the
Heber Valley Railroad.

Marc Hairston, Janet Kozyra, Barbara Emery, Doug Geiger, Rod and Jackie Heelis, Becky and Roberto Hairston.

Barbara Emery meets with her co-author, Ian Richardson of SHINE.

Discussing science: Delores Knipp?, Marc Hairston, Barbara Emery, Janet Kozyra, Rod Heelis, and Ian Richardson (back).

Terry Onsager, ?, and Mike Wiltberger at the Sunday June 22 NSF Workshop on Space Weather Models with CEDAR, GEM and SHINE.

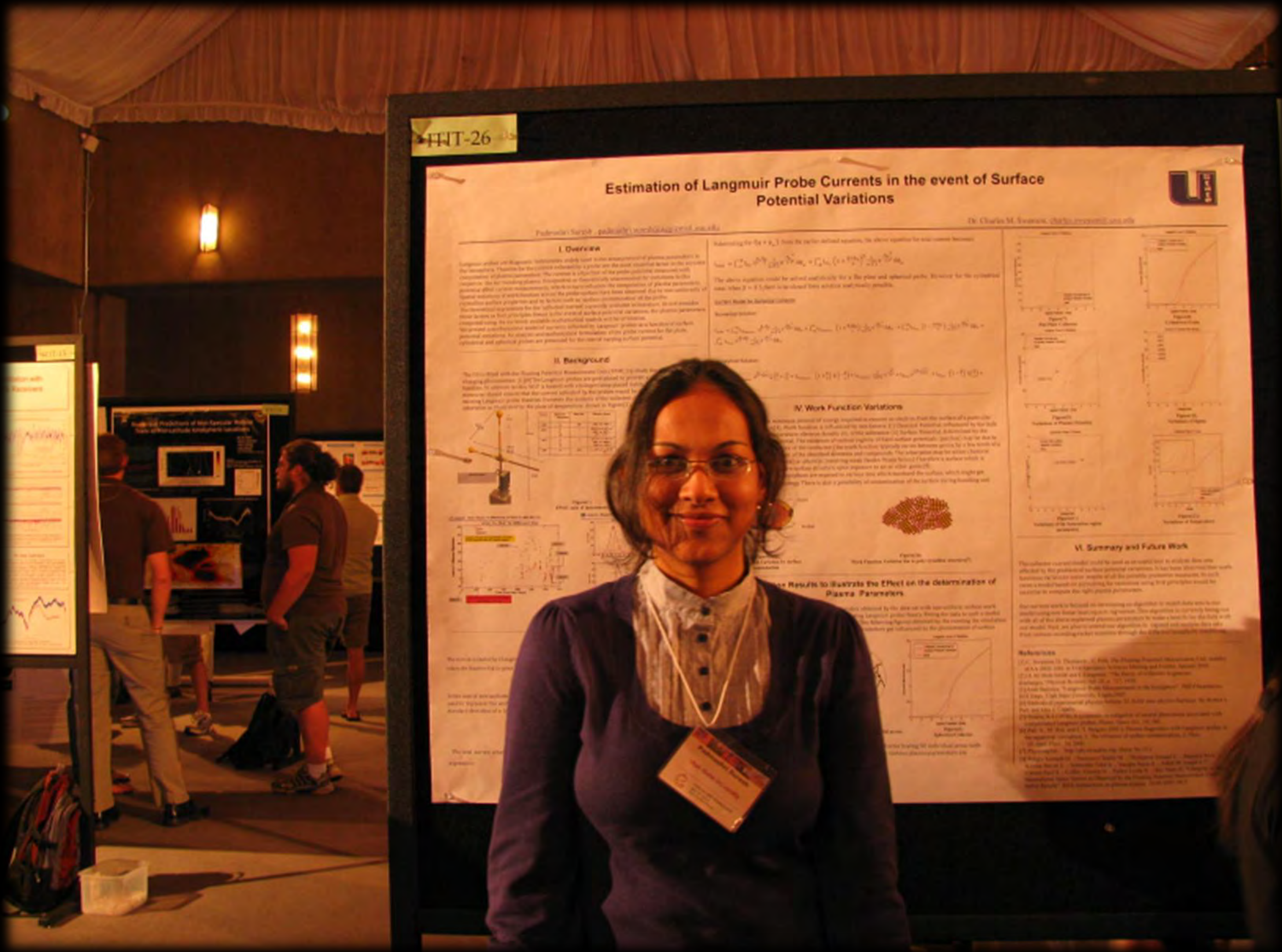
Barbara Emery, George Fisher, and Kent Tobiska.

2009
CEDAR

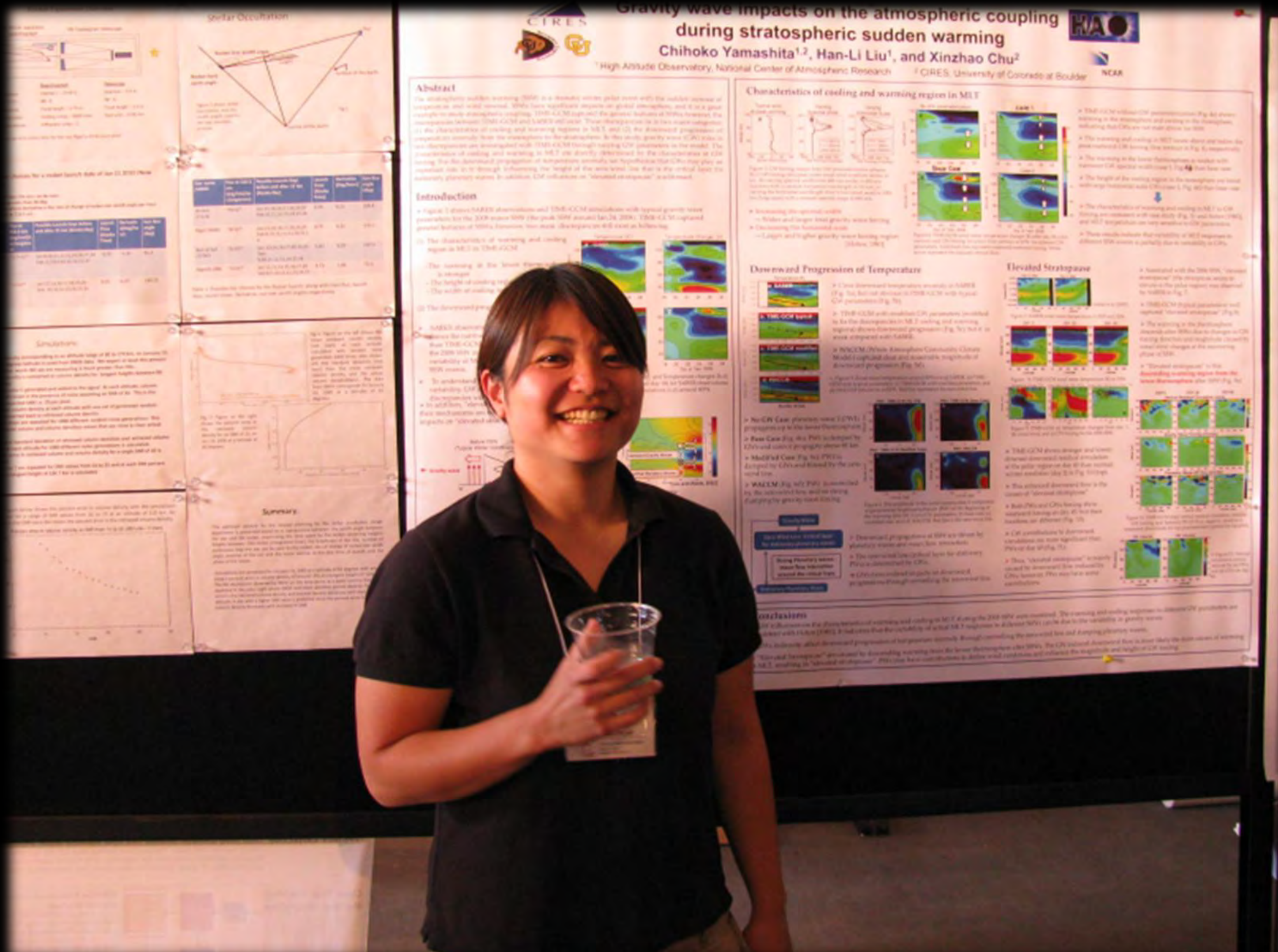
Eldorado Hotel, Santa Fe, New Mexico

The plenary session on Wednesday July 1 in the Anasazi Ballroom.

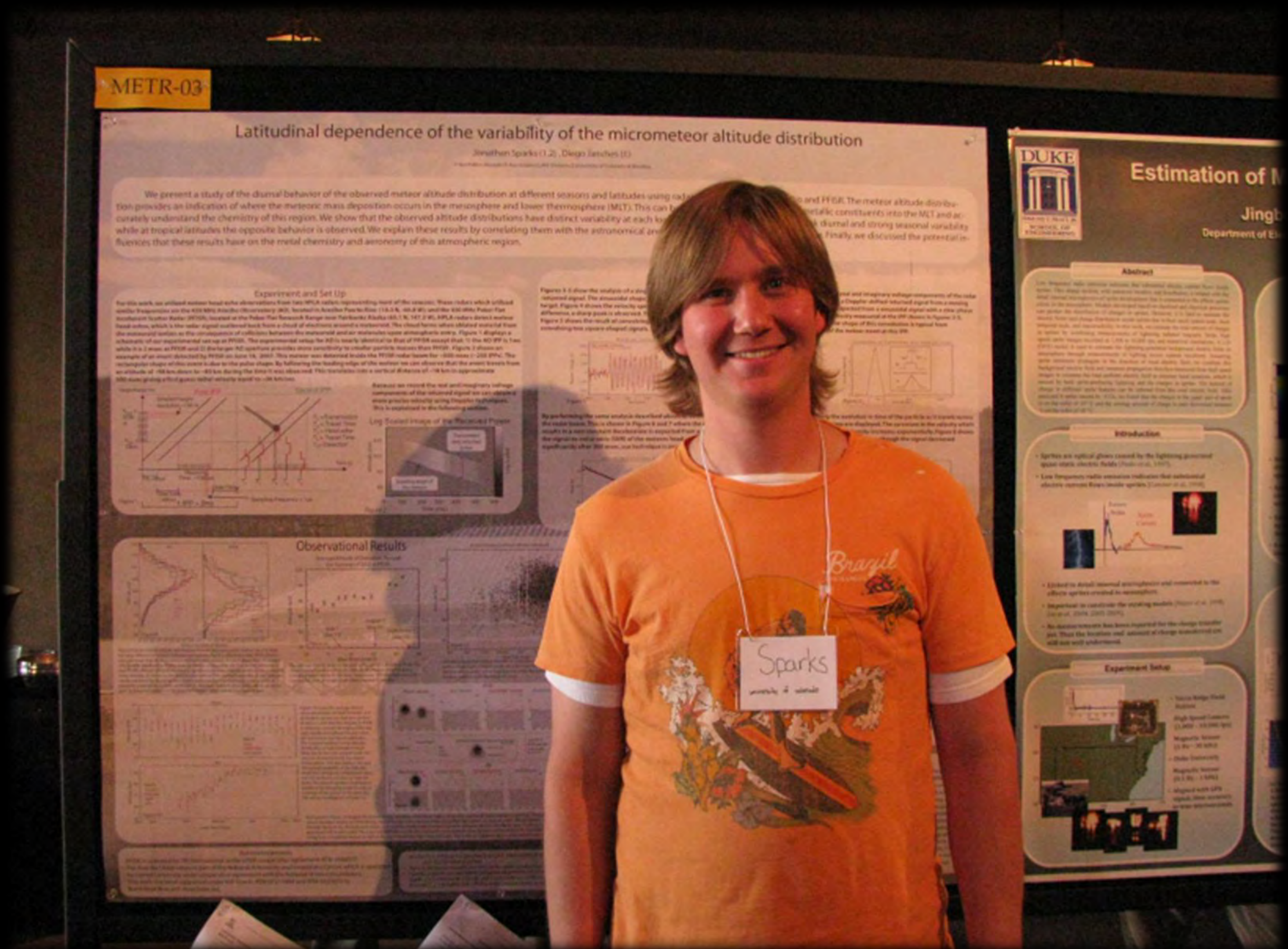
5 of the 6 poster winners: Sebastien de Larquier (PSU), Chihoko Yamashita (U CO), Jonathan Sparks (U CO), Edgardo Pacheco (UTD), and Richard Todd Parris (U AK) .



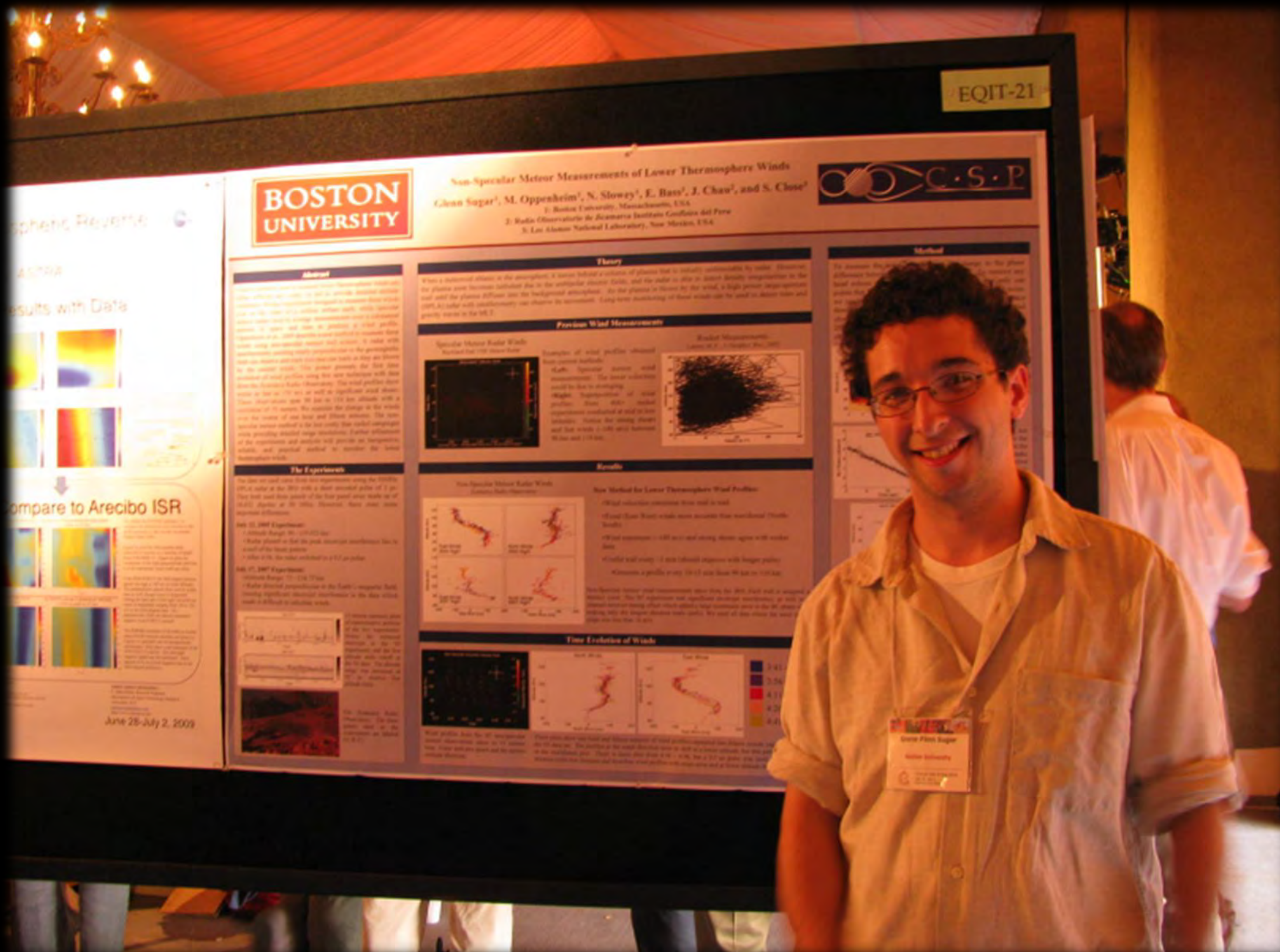
Padmashri Suresh (USU), honorable mention for her IT poster.



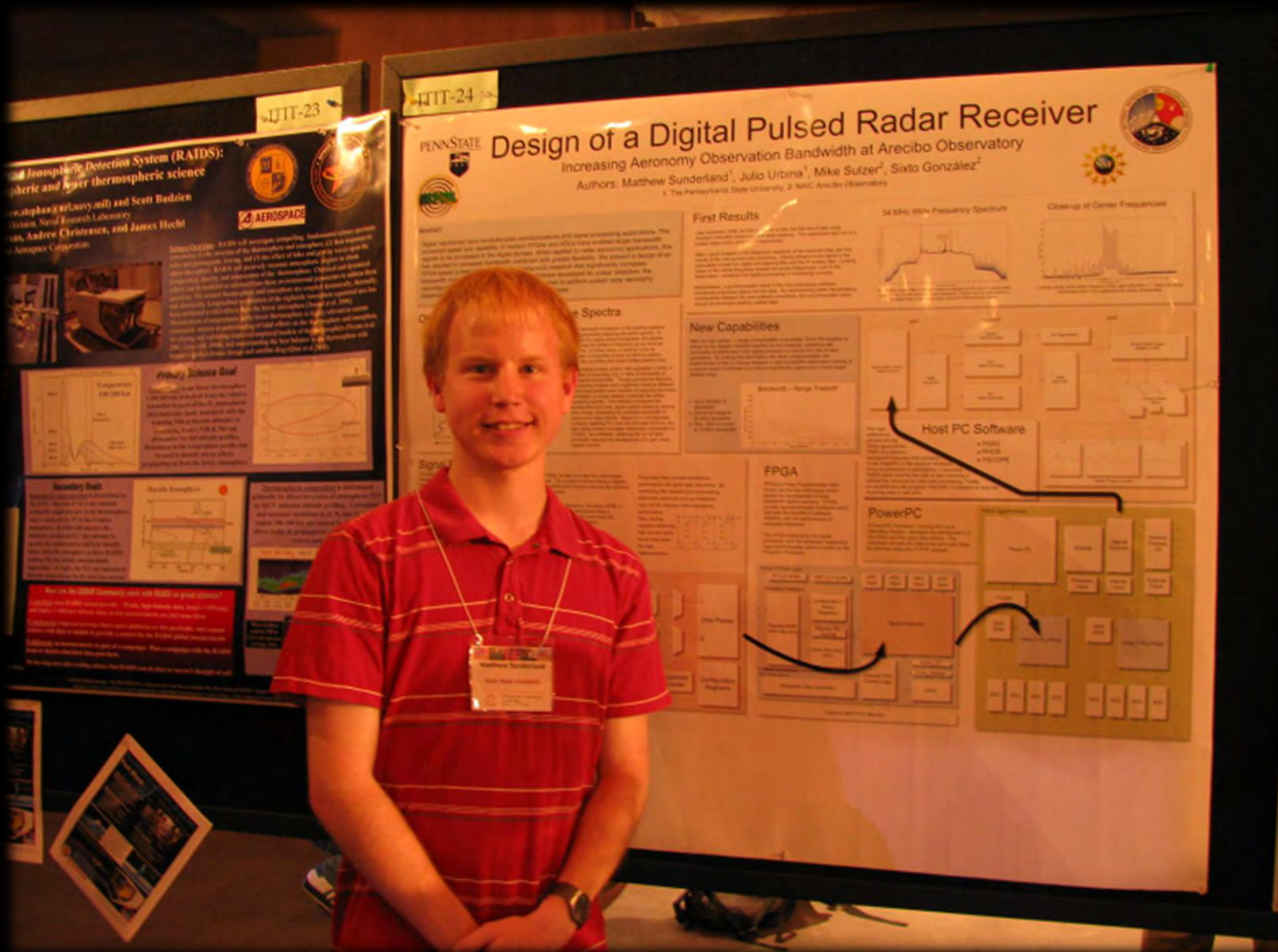
Chihoko Yamashita (U CO): Second place for her MLT poster.



Jonathan Sparks (U CO) honorable mention for his MLT poster (although he is also an undergraduate).



Glenn Sugar (BU), received 1 or 3 undergrad honorable mentions.



Matthew Sunderland (PSU) received 1 of 3 undergraduate mentions.

Jonathan Thompson (USU) received 1 of 3 undergrad honorable mentions.

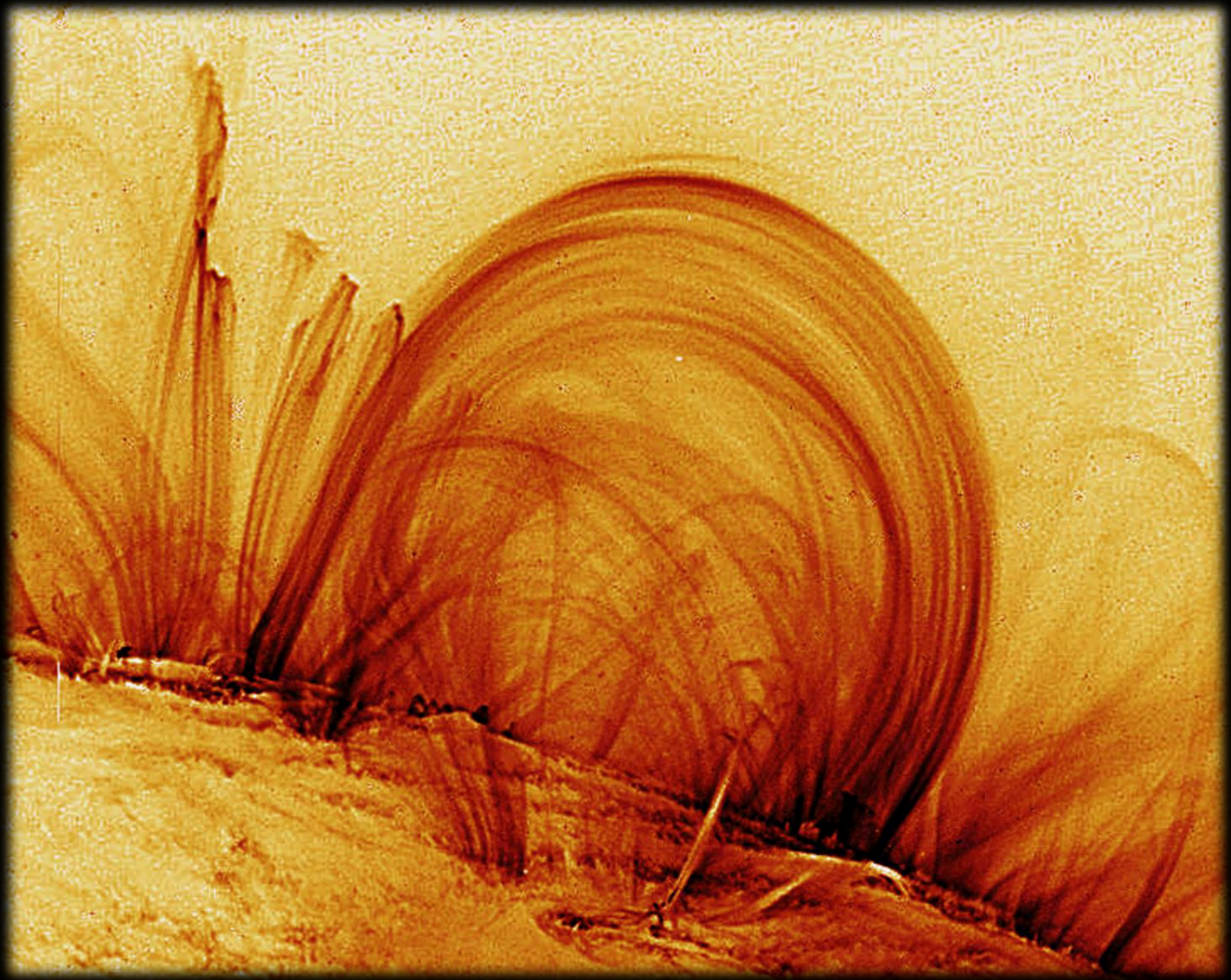
James Carpenter, undergraduate REU student of Wenbin Wang of NCAR at Bandolier National Monument.

2010 CEDAR

University of Colorado, Boulder, Colorado

Pictures for Anniversary Cakes

TRACE (Transition Region and Coronal Explorer) Coronal Loop



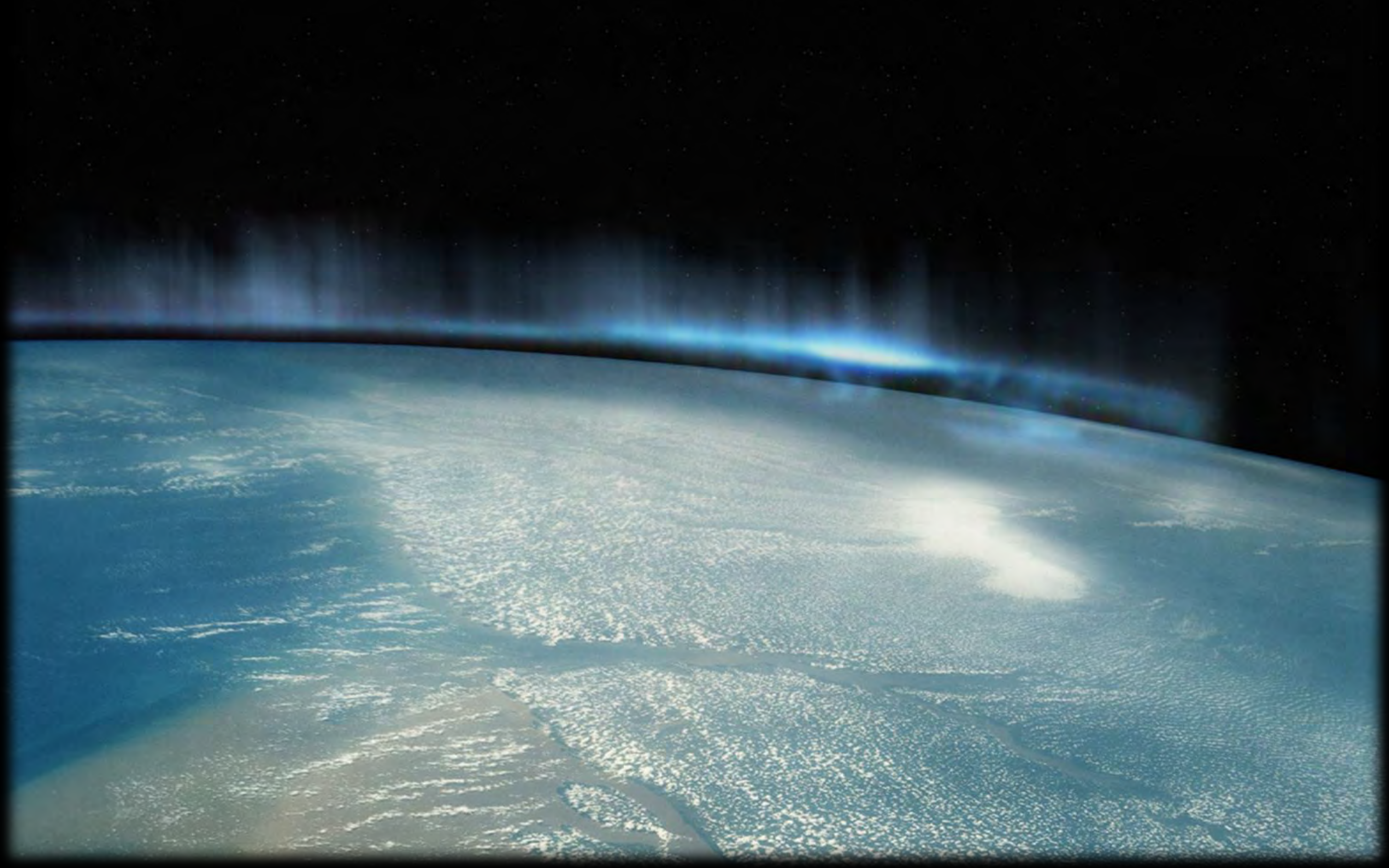
Aurora above the Mesa Lab, Nov. 20, 2003

November 20, 2003
Courtesy of Stan Solomon

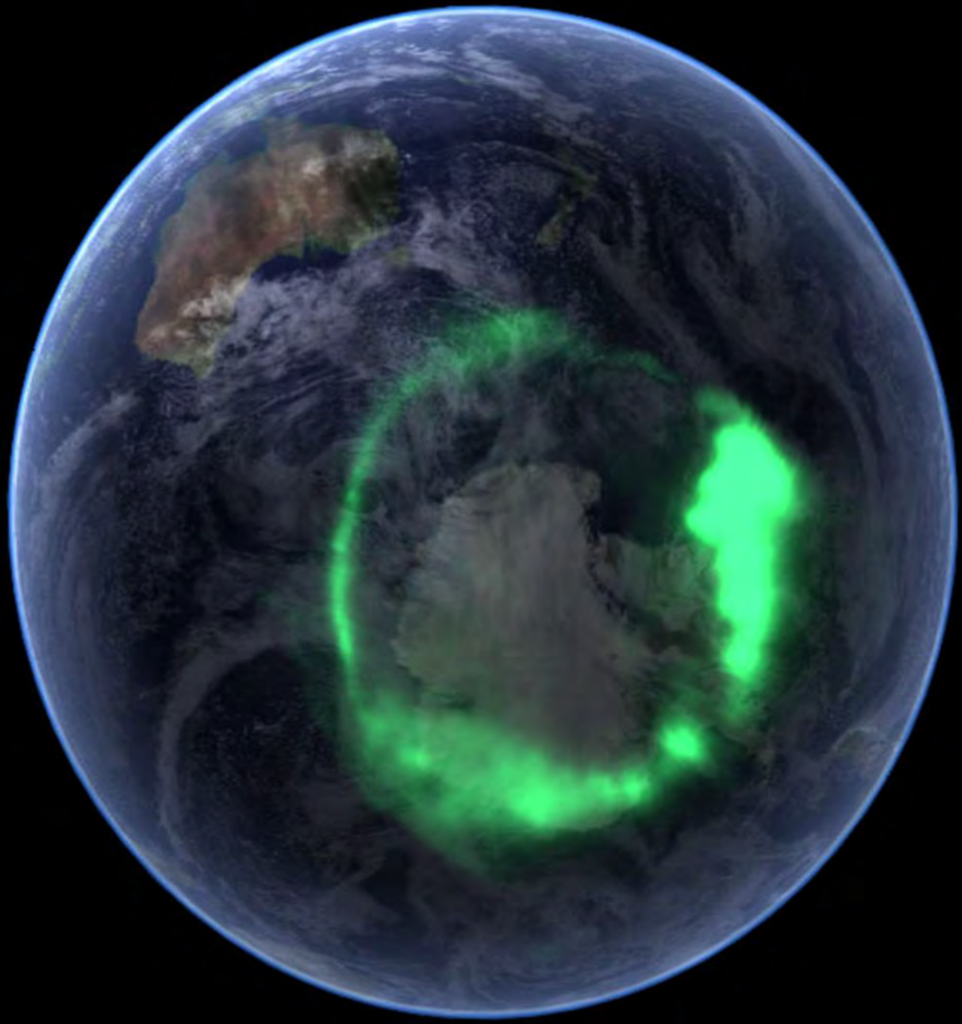
Incoherent Scatter Radar (ISR) dish at Sondrestrom

Courtesy of Joshua Strang, USAF

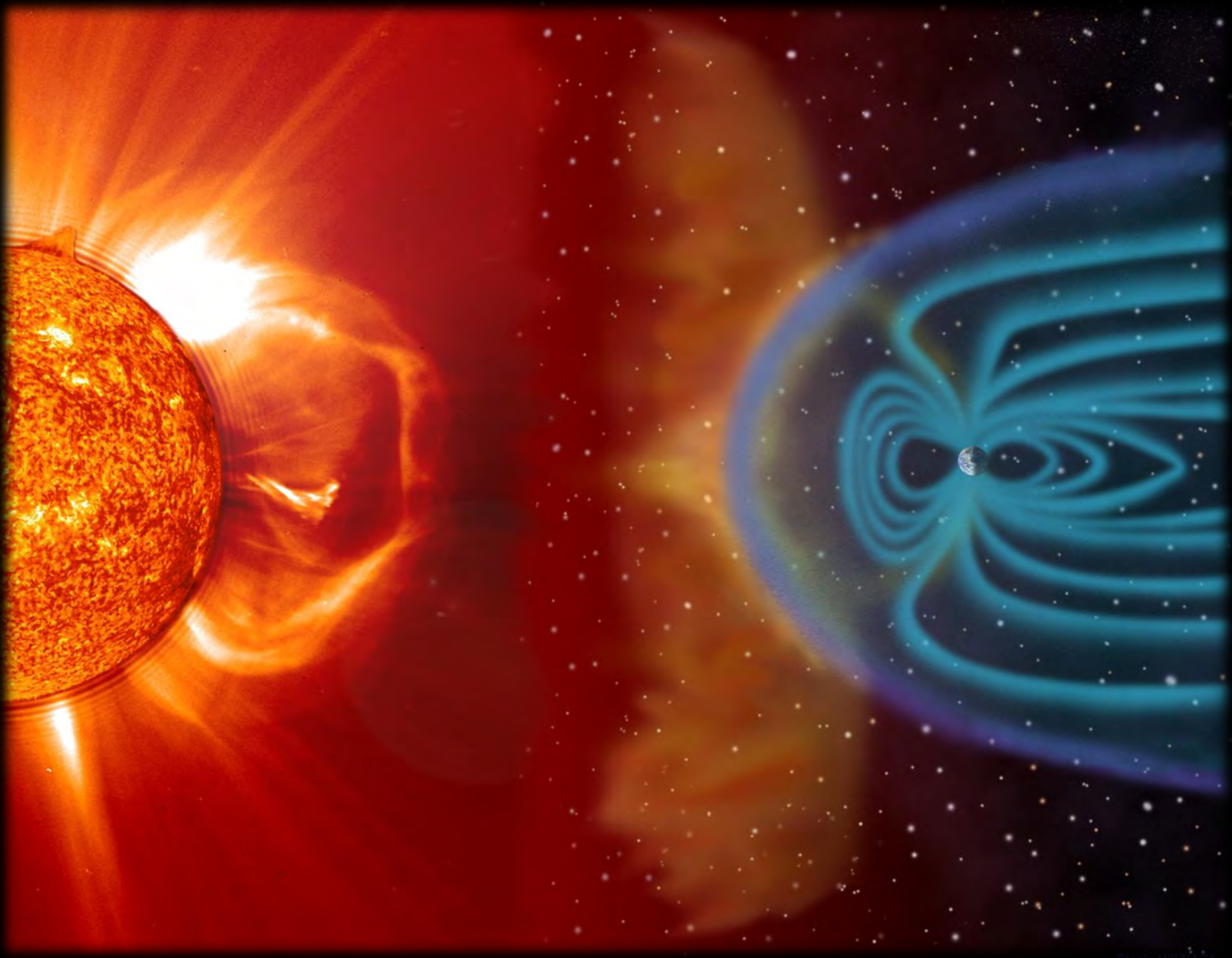
View of the Northern Lights from Space



Aurora Australis from Outer Space



Sun with artist's impression of Earth's magnetosphere



This historical package will be available on the CEDAR Website.

If you can contribute to naming unidentified people,
please contact Barbara Emery.

Thank you!

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The End