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Nancy Ryan Gray, Ph.D.

Director

2003 GORDON RESEARCH CONFERENCE

on 2003 Organometallic Chemistry Gordon Conference

FINAL PROGRESS REPORT

DOE

DE-FG02-03ER15397

The Gordon Research Conference (GRC) on 2003 Organometallic Chemistry Gordon Conference was held at Salve Regina University, Newport, Rhode Island, July 20-25, 2003. The Conference was well-attended with 135 participants (attendees list attached). The attendees represented the spectrum of endeavor in this field coming from academia, industry, and government laboratories, both U.S. and foreign scientists, senior researchers, young investigators, and students.

In designing the formal speakers program, emphasis was placed on current unpublished research and discussion of the future target areas in this field. There was a conscious effort to stimulate lively discussion about the key issues in the field today. Time for formal presentations was limited in the interest of group discussions. In order that more scientists could communicate their most recent results, poster presentation time was scheduled. Attached is a copy of the formal schedule and speaker program and the poster program. In addition to these formal interactions, "free time" was scheduled to allow informal discussions. Such discussions are fostering new collaborations and joint efforts in the field.

I want to personally thank you for your support of this Conference. As you know, in the interest of promoting the presentation of unpublished and frontier-breaking research, Gordon Research Conferences does not permit publication of meeting proceedings. If you wish any further details, please feel free to contact me. Thank you.

R. Morris Bullock
2003 Conference Chair

ORGANOMETALLIC CHEMISTRY

Participant List

Salve Regina University
Jul 20-25, 2003

Name	Organization	Participation	Status
MICHAEL B ABRAMS	ATOFINA CHEMICALS	Attendee	Registered
NEIL T ALLISON	UNIVERSITY OF ARKANSAS	Poster Presenter	Registered
BRUCE A ARNDTSEN	MCGILL UNIVERSITY	Poster Presenter	Registered
ANDREW T AU	SABIC AMERICAS, INC.	Attendee	Registered
R. TOM BAKER	LOS ALAMOS NATIONAL LAB	Speaker	Registered
ROBERT G BERGMAN	UNIVERSITY OF CALIFORNIA, BERKELEY	Speaker	Registered
GUY BERTRAND	CNRS	Speaker	Registered
HANS ULRICH BLASER	SOLVIAS AG	Speaker	Registered
JOHN R BLEEKE	WASHINGTON UNIVERSITY	Poster Presenter	Registered
MANFRED BOCHMANN	UNIVERSITY OF EAST ANGLIA	Poster Presenter	Registered
JANET BRADDOCK-WILKING	UNIVERSITY OF MISSOURI-ST. LOUIS	Poster Presenter	Registered
JOHN BRIGGS	THE DOW CHEMICAL COMPANY	Speaker	Registered
RICHARD D BROENE	BOWDOIN COLLEGE	Poster Presenter	Registered
MAURICE S BROOKHART	UNIVERSITY OF NORTH CAROLINA	Discussion Leader	Registered
SETH N BROWN	UNIVERSITY OF NOTRE DAME	Poster Presenter	Registered
TIMOTHY J BRUNKER	DARTMOUTH COLLEGE	Poster Presenter	Registered
TORSTEN BUETTNER	ETH ZURICH	Poster Presenter	Registered
MORRIS BULLOCK	BROOKHAVEN NATIONAL LABORATORY	Chair	Registered
EMILIO E BUNEL	AMGEN	Discussion Leader	Registered
VINCENZO BUSICO	UNIVERSITY OF NAPLES FEDERICO II (ITALY)	Speaker	Registered
CHARLES P CASEY	UNIVERSITY OF WISCONSIN AT MADISON	Discussion Leader	Registered
BRUNO CHAUDRET	CNRS	Speaker	Registered
PAUL J CHIRIK	CORNELL UNIVERSITY	Poster Presenter	Registered
ROBERTA CIPULLO	DEPT CHEMISTRY UNIV NAPLES FEDERICO II	Poster Presenter	Registered
JAMES T CISZEWSKI	MICHIGAN STATE UNIVERSITY	Poster Presenter	Registered
CATALINA L COKER	EXXONMOBIL CHEMICAL COMPANY	Attendee	Registered
JOYCE Y COREY	UNIVERSITY OF MISSOURI-ST. LOUIS	Attendee	Registered
NEIL J COVILLE	UNIVERSITY OF THE WITWATERSRAND	Poster Presenter	Registered
ROBERT H CRABTREE	YALE UNIVERSITY	Speaker	Registered
IAN R CROSSLEY	UMIST	Poster Presenter	Registered
CHRISTOPHER C CUMMINS	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Poster Presenter	Registered
CALVIN J CURTIS	NATIONAL RENEWABLE ENERGY LABORATORY	Poster Presenter	Registered
MARCESTA Y DARENSBOURG	TEXAS A&M UNIVERSITY	Speaker	Registered
PETER J DE REGE	FIRMENICH, INC.	Attendee	Registered
BERNADETTE T DONOVAN-MERKERT	UNIVERSITY OF NORTH CAROLINA CHARLOTTE	Discussion Leader	Registered
RICHARD D ERNST	UNIVERSITY OF UTAH	Poster Presenter	Registered
WILLIAM J EVANS	UNIVERSITY OF CALIFORNIA, IRVINE	Poster Presenter	Registered
PAUL J FAGAN	DUPONT CO	Discussion Leader	Registered
MARK J FINK	TULANE UNIVERSITY	Poster Presenter	Registered
PETER C FORD	UC SANTA BARBARA	Speaker	Registered
BRIAN J FROST	UNIVERSITY OF NEVADA	Poster Presenter	Registered
FRANCOIS P GABBAI	TEXAS A&M	Poster Presenter	Registered
LUTZ GADE	UNIVERSITY LOUIS PASTEUR STRASBOURG	Speaker	Registered
JUVENTINO J GARCIA	UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO	Poster Presenter	Registered
DANIELA D GIUNTA	INSTITUT FÜR TECHNISCHE UND MAKROMOLEKULARE CHEMIE	Poster Presenter	Registered
INIGO J GOETTKER SCHNETTMANN	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	Poster Presenter	Registered

ALAN S GOLDMAN	RUTGERS UNIVERSITY	Poster Presenter	Registered
SUSAN HALLENBECK	DUPONT	Speaker	Registered
TRACY HANNA	TEXAS CHRISTIAN UNIVERSITY	Poster Presenter	Registered
W. DEAN HARMAN	UNIVERSITY OF VIRGINIA	Speaker	Registered
TONY HASCALL	SANDIA NATIONAL LABORATORIES	Poster Presenter	Registered
YUKIKO HAYASHI	BROOKHAVEN NATIONAL LABORATORY	Poster Presenter	Registered
RENE HERMATSCHWEILER	ETH ZURICH	Poster Presenter	Registered
MICHAEL S HILL	IMPERIAL COLLEGE LONDON	Poster Presenter	Registered
NORRIS W HOFFMAN	UNIVERSITY OF SOUTH ALABAMA	Poster Presenter	Registered
PETER HOFMANN	RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG	Speaker	Registered
PATRICK HOLLAND	UNIVERSITY OF ROCHESTER	Poster Presenter	Registered
T KEITH HOLLIS	UNIVERSITY OF CALIFORNIA, RIVERSIDE	Discussion Leader	Registered
ISTVAN T HORVATH	EOTVOS UNIVERSITY	Poster Presenter	Registered
XILE HU	UNIVERSITY OF CALIFORNIA, SAN DIEGO	Poster Presenter	Registered
DAVID L HUGHES	MERCK AND CO, INC	Attendee	Registered
RUSSELL P HUGHES	DARTMOUTH COLLEGE	Speaker	Registered
SHOUQUAN HUO	EASTMAN KODAK COMPANY	Poster Presenter	Registered
FRIEDER JAEKLE	RUTGERS UNIVERSITY NEWARK	Poster Presenter	Registered
KEVIN E JANAK	COLUMBIA UNIVERSITY	Poster Presenter	Registered
WEIQIN JIANG	JOHNSON & JOHNSON PRD	Attendee	Registered
ADAM R JOHNSON	HARVEY MUDD COLLEGE	Poster Presenter	Registered
WILLIAM D JONES	UNIVERSITY OF ROCHESTER	Speaker	Registered
RICHARD F JORDAN	UNIVERSITY OF CHICAGO	Speaker	Registered
SMITA KACKER	EXXONMOBIL CHEMICAL CO	Discussion Leader	Registered
WILLIAM KASKA	DEPARTMENT OF CHEMISTRY	Poster Presenter	Registered
DONALD R KELSEY	SHELL CHEMICALS	Attendee	Registered
RICHARD A KEMP	UNIVERSITY OF NEW MEXICO	Discussion Leader	Registered
JAQUELINE L KIPLINGER	LOS ALAMOS NATIONAL LABORATORY	Poster Presenter	Registered
SAMBASIVARAO KOTHA	INDIAN INSTITUTE OF TECHNOLOGY-BOMBAY	Poster Presenter	Registered
SHANE W KRSKA	MERCK RESEARCH LABORATORIES	Speaker	Registered
CLIFFORD P KUBIAK	UNIVERSITY OF CALIFORNIA SAN DIEGO	Poster Presenter	Registered
ANIL KUMAR	ETH HONGGERBERG	Poster Presenter	Registered
CLARK R LANDIS	UNIVERSITY OF WISCONSIN	Poster Presenter	Registered
MARGARETE K LECLERC	SYMYX TECHNOLOGIES, INC	Speaker	Registered
WALTER LEITNER	RWTH AACHEN	Speaker	Registered
YING-CHIH LIN	DEPARTMENT OF CHEMISTRY, NATIONAL TAIWAN UNIVERSIT	Poster Presenter	Registered
DONALD E LINN	PURDUE UNIVERSITY	Poster Presenter	Registered
JENNIFER L LOOK	UNIVERSITY OF WASHINGTON	Poster Presenter	Registered
JANIS LOUIE	UNIVERSITY OF UTAH	Poster Presenter	Registered
BRETT L LUCHT	UNIVERSITY OF RHODE ISLAND	Poster Presenter	Registered
ALCEO MACCHIONI	UNIVERSITY OF PERUGIA	Speaker	Registered
JOHN M MAHER	RAMPANT TECHNOLOGY PARTNERS	Attendee	Registered
ELOISA MARTINEZ VIVIENTE	LABORATORY OF INORGANIC CHEMISTRY ETHZ ZÜRICH	Poster Presenter	Registered
ALBERT S MATLACK	UNIVERSITY OF DELAWARE	Attendee	Registered
LISA MCELWEE-WHITE	UNIVERSITY OF FLORIDA	Poster Presenter	Registered
CHRISTIAN P MEHNERT	EXXON MOBIL CHEMICAL CO.	Speaker	Registered
KARSTEN MEYER	UNIVERSITY OF CALIFORNIA, SAN DIEGO	Poster Presenter	Registered
DANIEL J MINDIOLA	INDIANA UNIVERSITY	Poster Presenter	Registered
ERIC J MOORE	BP CHEMICALS	Attendee	Registered
DAVID MORALES-MORALES	UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO	Poster Presenter	Registered
LAUREL A MORTON	UNIVERSITY OF TENNESSEE	Poster Presenter	Registered
WILLIAM H MYERS	UNIVERSITY OF RICHMOND	Attendee	Registered
HANS GUENTER NEDDEN	JOHNSON MATTHEY CATALYSIS AND CHIRAL TECHNOLOGIES	Poster Presenter	Registered
JACK R NORTON	COLUMBIA UNIVERSITY	Attendee	Registered
KYOKO NOZAKI	UNIVERSITY OF TOKYO	Speaker	Registered

AARON L ODOM	MICHIGAN STATE UNIVERSITY	Attendee	Registered
JONAS I OXGAARD	CALIFORNIA UNIVERSITY OF TECHNOLOGY	Poster Presenter	Registered
ROCCO PACIELLO	BASF AKTIENGESELLSCHAFT	Attendee	Registered
GERARD PARKIN	COLUMBIA UNIVERSITY	Poster Presenter	Registered
ROY A PERIANA	UNIVERSITY OF SOUTHERN CALIFORNIA	Speaker	Registered
JONAS C PETERS	CALTECH	Poster Presenter	Registered
JEFFREY L PETERSEN	WEST VIRGINIA UNIVERSITY	Poster Presenter	Registered
T V BABU RAJANBABU	OHIO STATE UNIVERSITY	Speaker	Registered
STEPHANE RIGAUT	UNIVERSITE DE RENNES 1	Poster Presenter	Registered
DEAN M RODDICK	UNIVERSITY OF WYOMING	Poster Presenter	Registered
JOSEPH P SADIGHI	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Poster Presenter	Registered
MARCEL SCHLAF	UNIVERSITY OF GUELPH	Poster Presenter	Registered
DIETMAR SEYFERTH	MASSACHUSETTS INST OF TECHNOLOGY	Speaker	Registered
KEVIN H SHAUGHNESSY	THE UNIVERSITY OF ALABAMA	Poster Presenter	Registered
HAN SHEN	ROHM AND HAAS COMPANY	Attendee	Registered
DOUGLASS R SILLARS	UNIVERSITY OF WISCONSIN-MADISON	Poster Presenter	Registered
MAURIZIO M SOLINAS	INSTITUT FÜR TECHNISCHE UND MAKROMOLEKULARE CHEMIE	Poster Presenter	Registered
SHANNON STAHL	UNIVERSITY OF WISCONSIN-MADISON	Speaker	Registered
FRANCES STEPHENS	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Poster Presenter	Registered
RAINER STREUBEL	UNIVERSITY OF BONN	Poster Presenter	Registered
YONGJUN TANG	UNIVERSITY OF NEW MEXICO	Poster Presenter	Registered
FELICIA L. TAW	LOS ALAMOS NATIONAL LAB	Poster Presenter	Registered
JOSEPH L TEMPLETON	UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	Vice Chair	Registered
KLAUS H THEOPOLD	UNIVERSITY OF DELAWARE	Poster Presenter	Registered
DANA L TILLISON	ELI LILLY AND COMPANY	Attendee	Registered
YUTAKA UKAJI	UNIVERSITY OF WISCONSIN - MADISON	Poster Presenter	Registered
PAUL A VECCHI	IOWA STATE UNIVERSITY	Poster Presenter	Registered
ADAM S VEIGE	UNIVERSITY OF FLORIDA	Poster Presenter	Registered
JOHN F WALZER	EXXONMOBIL CHEMICAL	Attendee	Registered
TIMOTHY WARREN	GEORGETOWN UNIVERSITY	Poster Presenter	Registered
RORY WATERMAN	UNIVERSITY OF CHICAGO	Attendee	Registered
PETER T WOLCZANSKI	CORNELL UNIVERSITY	Poster Presenter	Registered
TIMOTHY J WOODMAN	THE UNIVERSITY OF EAST ANGLIA	Poster Presenter	Registered
HANS-ULRICH WUESTEFELD	MAX-PLANCK-INSTITUT FUER KOHLENFORSCHUNG	Poster Presenter	Registered

Organometallic Chemistry

July 20-25, 2003
Salve Regina University
Newport, RI

Chair: [Morris Bullock](#)
Vice Chair: [Joseph L. Templeton](#)

SUNDAY

- 2:00 pm - 9:00 pm Arrival and Check-in
6:00 pm Dinner
7:30 pm - 9:15 pm **SUNDAY EVENING SESSION**
Discussion Leader: **Joe Templeton** (University of North Carolina)
7:30 pm - 7:45 pm Welcome and Announcements
7:45 pm - 8:15 pm **Bill Jones** (University of Rochester)
"Reversible Carbon-Carbon Bond Cleavage Reactions in Nitriles"
8:15 pm - 8:30 pm Discussion
8:30 pm - 9:00 pm **Shannon Stahl** (University of Wisconsin - Madison)
"Palladium Oxidase Catalysis: Mechanisms and Applications of Aerobic Oxidation Catalysis"
9:00 pm - 9:15 pm Discussion
9:15 pm Chair's Reception

MONDAY

- 7:30 am - 8:30 am Breakfast
9:00 am - 12:30 pm **MONDAY MORNING SESSION**
Discussion Leader: **Chuck Casey** (University of Wisconsin - Madison)
9:00 am - 9:30 am **Dean Harman** (University of Virginia)
"The Rational Design of Tungsten, Molybdenum, and Rhenium Dearomatization Agents: Using π -Bases in Organic Synthesis"
9:30 am - 9:45 am Discussion
9:45 am - 10:15 am Photograph / Coffee Break
10:15 am - 10:45 am **Sue Hallenbeck** (DuPont)
"Polyolefin Thermoplastic Elastomers as Lycra® Alternatives"
10:45 am - 11:00 am Discussion
11:00 am - 11:30 am **Bob Bergman** (University of California - Berkeley)
"C-H Activation in Catalytic H/D Exchange and Carbon-Carbon Bond-Forming Reactions"
11:30 am - 11:45 am Discussion
11:45 am - 12:15 pm **Peter Hofmann** (University of Heidelberg, Germany)
"Towards Rational Catalyst Design: Reactions and Structures in Bond Activation Chemistry"
12:15 pm - 12:30 pm Discussion
12:30 pm Lunch
1:30 pm - 4:00 pm Free Time
4:00 pm - 6:00 pm Poster Session #1 (Monday/Tuesday)
6:00 pm Dinner
7:30 pm - 9:30 pm **MONDAY EVENING SESSION**
Discussion Leader: **Bernadette Donovan-Merkert** (UNC-Charlotte)
7:30 pm - 8:00 pm **Alceo Macchioni** (University of Perugia, Italy)
"Application of NOE and PGSE NMR Methodologies to Investigate Intermolecular Organometallic Adducts in Solution"
8:00 pm - 8:10 pm Discussion
8:10 pm - 8:40 pm **John Briggs** (Dow Chemical)

- "Butadiene Hydrocarbonylation to 3-Pentenol"
- 8:40 pm - 8:50 pm Discussion
- 8:50 pm - 9:20 pm **Guy Bertrand** (UCR-CNRS Joint Research Chemistry Laboratory)
"New Types of Stable Carbenes"
- 9:20 pm - 9:30 pm Discussion
- 9:30 pm Poster Session #1 (Monday/Tuesday)

TUESDAY

- 7:30 am - 8:30 am Breakfast
- 9:00 am - 12:30 pm **TUESDAY MORNING SESSION**
- Discussion Leader: **Keith Hollis** (Univ. of California - Riverside)
- 9:00 am - 9:30 am **T. V. RajanBabu** (Ohio State University)
"The Organometallic Advantage: Stereoselective Cyclizations That Do Not Deplete Functional Groups"
- 9:30 am - 9:45 am Discussion
- 9:45 am - 10:15 am **Margarete Leclerc** (Symyx)
"The Discovery of New Stereospecific Polypropylene Catalysts Using High-Throughput Techniques"
- 10:15 am - 10:30 am Discussion
- 10:30 am - 11:00 am Coffee Break
- 11:00 am - 11:30 am **Bruno Chaudret** (CNRS, Toulouse, France)
"Organometallic Approach to Nano-Objects : Control of Surface, Shape and Organization"
- 11:30 am - 11:45 am Discussion
- 11:45 am - 12:00 pm Poster Talk #1
- 12:00 pm - 12:05 pm Discussion
- 12:05 pm - 12:20 pm Poster Talk #2
- 12:20 pm - 12:25 pm Discussion
- 12:30 pm Lunch
- 1:30 pm - 4:00 pm Free Time
- 4:00 pm - 6:00 pm Poster Session #1 (Monday/Tuesday)
- 6:00 pm Dinner
- 7:30 pm - 9:30 pm **TUESDAY EVENING SESSION**
- Discussion Leader: **Paul Fagan** (DuPont)
- 7:30 pm - 8:00 pm **Walter Leitner** (RWTH Aachen, Germany)
"Activation of Aromatic C-H bonds with Non-classical Ruthenium Hydride Complexes"
- 8:00 pm - 8:10 pm Discussion
- 8:10 pm - 8:40 pm **Lutz Gade** (Université Louis Pasteur, Strasbourg, France)
"Modular Strategies in Oxazoline Ligand Design: Applications in Homogeneous Catalysis"
- 8:40 pm - 8:50 pm Discussion
- 8:50 pm - 9:20 pm **Tom Baker** (Los Alamos National Laboratory)
"Controlling Lewis Acidity at Phosphorus in Precious Metal Phosphonium Complexes"
- 9:20 pm - 9:30 pm Discussion
- 9:30 pm Poster Session #1 (Monday/Tuesday)

WEDNESDAY

- 7:30 am - 8:30 am Breakfast
- 9:00 am - 12:30 pm **WEDNESDAY MORNING SESSION**
- Discussion Leader: **Rick Kemp** (Univ. of New Mexico / Sandia Nat'l Lab)
- 9:00 am - 9:30 am **Kyoko Nozaki** (University of Tokyo)
"New Metal-Catalyzed Carbonylation Reactions"
- 9:30 am - 9:45 am Discussion
- 9:45 am - 10:15 am **Rich Jordan** (University of Chicago)
"Organometallic Aspects of Vinyl Monomer Polymerization"

10:15 am - 10:30 am Discussion
10:30 am - 11:00 am Coffee Break
11:00 am - 11:30 am **Hans-Ulrich Blaser** (Solvias AG, Basel, Switzerland)
"Industrial Application of Enantioselective Catalysis: Opportunities and Major Challenges"
11:30 am - 11:45 am Discussion
11:45 am - 12:00 pm Poster Talk #3
12:00 pm - 12:05 pm Discussion
12:05 pm - 12:20 pm Poster Talk #4
12:20 pm - 12:25 pm Discussion
12:30 pm Lunch
1:30 pm - 4:00 pm Free Time
4:00 pm - 6:00 pm Poster Session #2 (Wednesday/Thursday)
6:00 pm Dinner
7:30 pm - 9:30 pm **WEDNESDAY EVENING SESSION**
Discussion Leader: **Smita Kacker** (ExxonMobil)
7:30 pm - 8:00 pm **Peter Ford** (University of California - Santa Barbara)
"Probing Reactive Intermediates in Homogeneous Catalytic Systems"
8:00 pm - 8:10 pm Discussion
8:10 pm - 8:40 pm **Christian Mehnert** (ExxonMobil)
"Supported Ionic Liquid Catalysis - A New Concept for Homogeneous Catalysis"
8:40 pm - 8:50 pm Discussion
8:50 pm - 9:20 pm **Roy Periana** (University of Southern California)
"Chemistry and Mechanism of New Hydrocarbon Functionalization Catalysts"
9:20 pm - 9:30 pm Discussion
9:30 pm Poster Session #2 (Wednesday/Thursday)

THURSDAY

7:30 am - 8:30 am Breakfast
9:00 am - 12:30 pm **THURSDAY MORNING SESSION**
Discussion Leader: **Emilio Bunel** (Eli Lilly)
9:00 am - 9:30 am **Vincenzo Busico** (Università di Napoli Federico II, Italy)
"Metallocene-based Polymerization Catalysts: Breakthrough or Mind Trap?"
9:30 am - 9:45 am Discussion
9:45 am - 10:15 am **Shane Krska** (Merck)
"Mechanistic Investigations of Molybdenum-Catalyzed Allylic Alkylation Reactions"
10:15 am - 10:30 am Discussion
10:30 am - 11:00 am Coffee Break
11:00 am - 11:30 am **Marcetta Darensbourg** (Texas A&M University)
"Bioorganometallic Model Chemistry: Active Sites for CODH, Acetyl Coenzyme Synthase, and the Hydrogenases"
11:30 am - 11:45 am Discussion
11:45 am - 12:00 pm Poster Talk #5
12:00 pm - 12:05 pm Discussion
12:05 pm - 12:20 pm Poster Talk #6
12:20 pm - 12:25 pm Discussion
12:30 pm Lunch
1:30 pm - 4:00 pm Free Time
4:00 pm - 6:00 pm Poster Session #2 (Wednesday/Thursday)
6:00 pm Dinner
7:30 pm - 9:30 pm **THURSDAY EVENING FESTIVITIES**
Discussion Leader: **Maurice Brookhart** (University of North Carolina)

7:30 pm - 7:45 pm **Russ Hughes** (Dartmouth College)
"Reflections and Distortions of This Past Week"

7:45 pm - 8:00 pm Election of Vice Chair for 2004 Conference / Business Meeting

8:00 pm - 8:30 pm **Bob Crabtree** (Yale University)
"Carbenes: Normal or Abnormal"

8:30 pm - 8:45 pm Discussion

8:45 pm - 9:15 pm **Dietmar Seyferth** (Massachusetts Institute of Technology)
"New High-Temperature Organometallic Chemistry"

9:15 pm - 9:30 pm Discussion

9:30 pm Poster Session #2 (Wednesday/Thursday)

FRIDAY

7:30 am - 8:30 am Breakfast

9:00 am Depart

