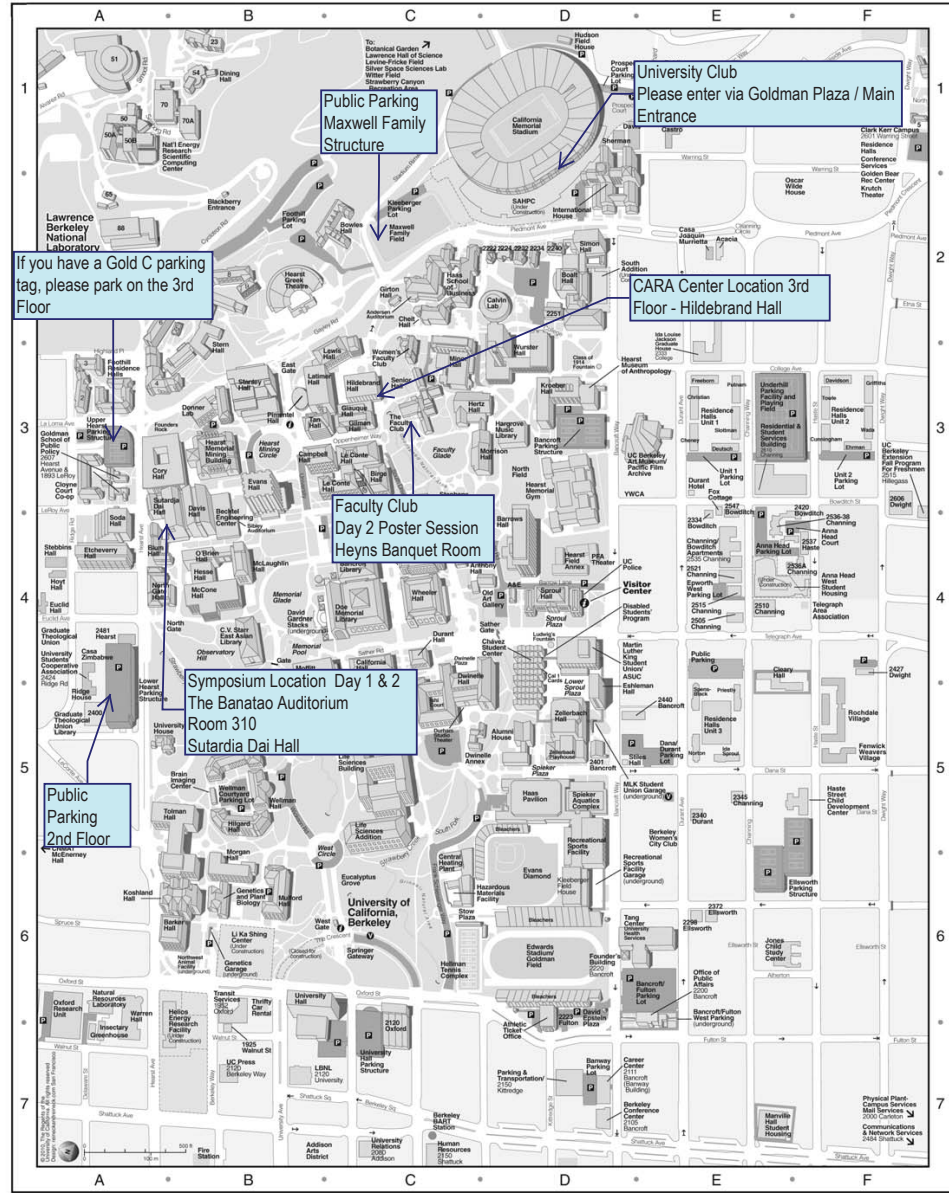


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CARA Anniversary Symposium

The University of California, Berkeley



PROGRAM

DAY 1

Monday April 24, 2017

8:45 a.m. – 5:45 p.m.

University of California, Berkeley

Sutardja Dai Hall

The Banatao Auditorium, Room No. 310

DAY 2

Tuesday April 25, 2017

8:45 a.m. – 1:00 p.m.

University of California, Berkeley

Sutardja Dai Hall

The Banatao Auditorium, Room No. 310



cara.berkeley.edu/



**CARA Anniversary Symposium
April 24, 2017
Agenda**

08:45 a.m.	Registration & Coffee Service
CHAIR	Prof. Douglas Clark , Dean, College of Chemistry, University of California, Berkeley
09:15 – 09:25 a.m.	Welcome & Opening Remarks
09:25 – 09:40 a.m.	CARA Introduction * *Prof. Peidong Yang, Founding Director, University of California, Berkeley Prof. Omar Yaghi, Founding Director, University of California, Berkeley Dr. Kerstin Schierle-Arndt, Associate Director, BASF SE, Ludwigshafen, Germany
09:40 – 09:50 a.m.	Dr. Peter Eckes , President of Bioscience Research, BASF Plant Science Co. GmbH, Limburgerhof, Germany
09:50 – 10:00 a.m.	Prof. Paul Alivisatos , Vice Chancellor of Research, University of California, Berkeley
10:00 – 10:15 a.m.	Gray Davis , Former Governor of California Janet Napolitano , President, University of California
CHAIR	Prof. Peidong Yang , Founding Director, University of California, Berkeley
10:15 – 11:00 a.m.	Keynote “Future Fabricated with Light: Continuous Liquid Interface Production to Drive Additive Manufacturing” Prof. Joseph DeSimone , University of North Carolina, Chapel Hill
11:00 – 11:15 a.m.	Break
11:15 – 11:45 a.m.	“Zeolites for Diesel Emission Applications” Dr. Ahmad Moini , BASF Corp., Process Research & Chemical Engineering, Iselin, NJ, USA
11:45 – 12:15 p.m.	“The Materials Project for Accelerated Materials Design” Prof. Kristin Persson , University of California, Berkeley, CARA Investigator
12:15 – 12:45 p.m.	“Next Generation Waterborne Dispersions” Dr. Mohsen Soleimani , BASF Corp., Advanced Materials and Systems Research, Wyandotte MI, USA
12:45 – 01:45 p.m.	Lunch Break
CHAIR	Omar Yaghi , Founding Director, University of California, Berkeley
01:45 – 02:30 p.m.	Keynote “Singlet Fission: Search for New Materials” Prof. Josef Michl , University of Colorado, Boulder

02:30 – 03:00 p.m.	“EPA+DHA Canola: A New and Renewable Dietary Source of Omega3-Fatty Acids” Dr. Carl Andre , BASF Plant Science LP, Bioscience Research, Research Triangle Park, USA
03:00 – 03:30 p.m.	“Small Molecules from The Human Microbiota” Prof. Michael Fischbach , University of California, San Francisco, CARA Investigator
03:30 – 04:00 p.m.	“Electrochemical Materials: Batteries and Electrocatalysts” Prof. Yi Cui , Stanford University, CARA Investigator
04:00 – 04:15 p.m.	Break
04:15 – 05:00 p.m.	Keynote “How Smart Leaders, Teams and Entrepreneurs Drive Innovation and Growth” Prof. Mark Coopersmith , Faculty Director, Entrepreneur and Innovation, Haas School of Bus., University of California, Berkeley
05:00 – 05:45 p.m.	Moderated Roundtable Discussion: Driving Innovation at the Interface of Academia and Industry Dr. Peter Eckes , President of Bioscience Research, BASF Plant Science Co. GmbH, Limburgerhof, Germany Prof. Paul Alivisatos , Vice Chancellor of Research, University of California, Berkeley Prof. Mark Coopersmith , Faculty Director, Entrepreneur and Innovation, Haas School of Bus., University of California, Berkeley Dr. Eric Rohlfing , Acting Director, Advanced Research Projects Agency-Energy (ARPA-E)
05:45 p.m.	Day 1 Adjourned
	Hosted Dinner - Stadium University Club Room Doors open at 06:45 p.m. for reception followed by Dinner Service: 07:30 p.m. Distinguished Guests include: VIP(s), BASF Special Guests, CARA Investigators only.

**CARA Anniversary Symposium
April 25, 2017
Agenda**

CHAIR	Dr. Kerstin Schierle-Arndt , Associate Director, BASF SE, Ludwigshafen, Germany
08:45 – 09:00 a.m.	Coffee Service
09:00 – 09:30 a.m.	“New Chemical Strategies for Making Biomolecular Materials” Prof. Matthew Francis , University of California, Berkeley, CARA Investigator
09:30 – 10:00 a.m.	“Applications of Catalysis from Fuels to Pharmaceuticals” Prof. Dean Toste , University of California, Berkeley, CARA Investigator
10:00 – 10:30 a.m.	“Homogeneous Catalysis at BASF” Dr. Rocco Paciello , BASF SE, Process Research & Chemical Engineering, Ludwigshafen, Germany
10:30 – 11:00 a.m.	“Crystal-Clear: New Perspectives on the Role of Polymers in Mineral Nucleation and Growth” Dr. Matthias Kellermeier , BASF SE, Advanced Materials and Systems Research, Ludwigshafen, Germany
11:00 – 11:15 a.m.	Break
11:15 – 11:45 a.m.	“Rapid Microwave Synthesis of Magnetocaloric and Related Materials” Prof. Ram Seshadri , University of California, Santa Barbara, CARA Investigator
11:45 – 12:15 p.m.	“High Performance Enzymes at BASF” Dr. David Weiner , BASF Corp., Bioscience Research, San Diego
12:15 – 12:45 p.m.	“Systems and Chemical Biology Approaches to Study Nutrition and Toxicology” Prof. Daniel Nomura , University of California, Berkeley, CARA Investigator
12:45 – 01:00 p.m.	Closing Remarks
01:00 – 03:00 p.m.	Lunch and Poster Session
	Location: Faculty Club – Heyns Room
	Posters from the research groups of Profs. Alivisatos, Bao, Cui, Francis, Hartwig, Nomura, Sarpong, Yang and more, as well as from BASF
	Hosted Dinner – The Faculty Club Great Hall Banquet Room Reception 06:00 p.m. / Dinner Service 07:00 p.m. Distinguished guests include: BASF Special Guests, CARA Investigators and Postdocs.