

## Atwater@60 Agenda

**Friday, January 17, 2020**

7:30 - 9:30 PM

Welcome Gathering at Atwater Residence

1945 Leman Street, South Pasadena

*Note: limited parking; please carpool/Uber*

**Saturday, January 18, 2020**

Full-day symposium, Ramo Auditorium

Reception, Dinner and Dancing, The Athenaeum

| TIME             | DETAIL                                                                                                                                               | SPEAKER                                                                                                                                           | LOCATION                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 8:15 – 9:00 AM   | Continental Breakfast/Check-in                                                                                                                       |                                                                                                                                                   | Dabney Gardens (bldg 40)                          |
| 9:00 – 9:10 AM   | Welcome Remarks                                                                                                                                      | Jen Dionne, Stanford University                                                                                                                   | Ramo Auditorium (bldg 77)                         |
| 9:10 – 9:40 AM   | "Highlights and Future of Thirty Years of Nanophotonics Friendship"                                                                                  | Albert Polman, AMOLF                                                                                                                              | Ramo Auditorium (bldg 77)                         |
| 9:40 – 10:05 AM  | "Predicting Optically Excited Quantum Materials"                                                                                                     | Prineha Narang, Harvard University                                                                                                                | Ramo Auditorium (bldg 77)                         |
| 10:05 – 10:30 AM | "The Story of Alta Devices"                                                                                                                          | Eli Yablonovitch, UC Berkeley                                                                                                                     | Ramo Auditorium (bldg 77)                         |
| 10:30– 10:50 AM  | Coffee Break                                                                                                                                         |                                                                                                                                                   | Ramo Auditorium (bldg 77)                         |
| 10:50 – 11:10 AM | "Synthetic Fe Nitrogenases and Related Opportunities in Reductive Catalysis"                                                                         | Jonas Peters, Caltech                                                                                                                             | Ramo Auditorium (bldg 77)                         |
| 11:10 – 11:30 AM | "Photonic Mathematics"                                                                                                                               | Nader Engheta, University of Pennsylvania                                                                                                         | Ramo Auditorium (bldg 77)                         |
| 11:30– 11:50 AM  | Open Mic for participants to share favorite stories about Harry & the A-Team                                                                         | Various                                                                                                                                           | Ramo Auditorium (bldg 77)                         |
| 11:50 – 1:00 PM  | Lunch                                                                                                                                                |                                                                                                                                                   | Dabney Gardens (bldg 40)                          |
| 1:00 – 1:30 PM   | "Shaping the Form and Future of Light: What new Sorcerer's Stones?"                                                                                  | Evelyn Hu, Harvard University                                                                                                                     | Ramo Auditorium (bldg 77)                         |
| 1:30-1:50 PM     | "The Bright Side of the Force: In-vivo Optical Force Reporters"                                                                                      | Jen Dionne, Stanford                                                                                                                              | Ramo Auditorium (bldg 77)                         |
| 1:50 – 2:35 PM   | Panel Discussion, "Bringing New Light into the World: What, When and How?"                                                                           | Moderator: Evelyn Hu (Harvard);<br>Panelists: Mark Brongersma (Stanford), Julie Biteen (University of Michigan), Anna Fontcuberta I Morral (EPFL) | Ramo Auditorium (bldg 77)                         |
| 2:35 – 3:00 PM   | "Vision and Status of the Caltech Space Solar Power Project"                                                                                         | Sergio Pellegrino, Caltech                                                                                                                        | Ramo Auditorium (bldg 77)                         |
| 3:00 – 3:10 PM   | Group Photo                                                                                                                                          | All                                                                                                                                               | Ramo Auditorium (bldg 77)                         |
| 3:10 – 4:10 PM   | Poster Session & Coffee Break                                                                                                                        | All                                                                                                                                               | Dabney Gardens (bldg 40)                          |
| 4:10 – 4:30 PM   | Open Mic for participants to share favorite stories about Harry & the A-Team                                                                         | Various                                                                                                                                           | Ramo Auditorium (bldg 77)                         |
| 4:30 – 5:00 PM   | "Light as Fuel"                                                                                                                                      | Harry A. Atwater                                                                                                                                  | Ramo Auditorium (bldg 77)                         |
| 5:00 PM          | Symposium End; Attendees Continue the Celebration at a Reception (5:30 PM) and Dinner (6:30 PM) in The Athenaeum, followed by Dancing & a Live Band! | All                                                                                                                                               | Main Lounge & East Patio, The Athenaeum (bldg 61) |

**Sunday, January 19, 2020**

10:00 - 12:00 PM

Bagels, Coffee and Soccer!

South Athletic Field

Adjacent to Caltech's Braun Gym