

The Quantum Optics Frontier: a symposium in honor of Jeff Kimble

| Friday, April 25    Dabney Hall                                 |                              |                               | Saturday, April 26    201 E. Bridge                            |                              |                         |
|-----------------------------------------------------------------|------------------------------|-------------------------------|----------------------------------------------------------------|------------------------------|-------------------------|
| 7:45 - 8:40 AM Caltech Transportation from Westin to Dabney     |                              |                               | 7:45 - 8:45 AM Caltech Transportation from Westin to E. Bridge |                              |                         |
| 8:30-9:00 AM                                                    | Early bird coffee and snacks |                               |                                                                |                              |                         |
| 9:00-9:10 AM                                                    | Welcome speaker              | Tom Soifer                    | 8:30-9:00 AM                                                   | Early bird coffee and snacks |                         |
| Session 1: Atomic Physics                                       |                              | Chair: Hanns-Christoph Nägerl | Session 3: Precision Measurement                               |                              | Chair: Dan Stamper-Kurn |
| 9:10-9:25 AM                                                    | Overview 1                   | Jan Hall                      | 9:00-9:15 AM                                                   | Overview 3                   | Carl Caves              |
| 9:30-10:15 AM                                                   | Speaker A1                   | Jun Ye                        | 9:20-10:05 AM                                                  | Speaker A3                   | Rainer Blatt            |
| 10:15-11:00 AM                                                  | Coffee break                 |                               | 10:05-10:50 AM                                                 | Coffee break                 |                         |
| 11:00-11:45 AM                                                  | Speaker B1                   | Ignacio Cirac                 | 10:50-11:35 AM                                                 | Speaker B3                   | Dave Wineland           |
| 11:45 AM-12:30 PM                                               | Speaker C1                   | Darrick Chang                 | 11:35 AM-12:20 PM                                              | Speaker C3                   | Mark Raizen             |
| 12:30-2:00 PM                                                   | Lunch                        |                               | 12:20-2:00 PM                                                  | Lunch                        |                         |
| Session 2: Quantum Optics                                       |                              | Chair: Luis Orozco            | Session 4: Broad Science Fronts                                |                              | Chair: Tracy Northup    |
| 2:00-2:15 PM                                                    | Overview 2                   | Misha Lukin                   | 2:00-2:15 PM                                                   | Overview 4                   | Don Braben              |
| 2:20-3:05 PM                                                    | Speaker A2                   | Gerhard Rempe                 | 2:20-3:05 PM                                                   | Speaker A4                   | Steven Chu              |
| 3:05-3:50 PM                                                    | Coffee break                 |                               | 3:05-3:50 PM                                                   | Coffee break                 |                         |
| 3:50-4:35 PM                                                    | Speaker B2                   | Oskar Painter                 | 3:50-4:35 PM                                                   | Speaker B4                   | Kip Thorne              |
| 4:35-5:20 PM                                                    | Speaker C2                   | Akira Furusawa                | 4:35-5:20 PM                                                   | Speaker C4                   | Jamie Bock              |
| 5:30 - 6:15 PM Caltech Transportation from Dabney to Westin     |                              |                               | 5:20-5:30 PM                                                   | Closing Remarks              | George Sudarshan        |
| 6:15 - 6:45 PM Caltech Transportation from Westin to Athenaeum  |                              |                               | 5:20-6:00 PM                                                   | Refreshments                 |                         |
| 7:00 PM Conference banquet at the Athenaeum                     |                              |                               | 5:30 - 6:30 PM Caltech Transportation from E. Bridge to Westin |                              |                         |
| 8:30 - 10:00 PM Caltech Transportation from Athenaeum to Westin |                              |                               |                                                                |                              |                         |