

**Eugene A. Demler**  
Institute for Theoretical Physics  
ETH Zurich  
Wolfgang-Pauli-Str. 27  
8093 Zurich, Switzerland

demlere@phys.ethz.ch

---

|                            |  |  |
|----------------------------|--|--|
| <b>RESEARCH EXPERIENCE</b> | <i>ETH Zurich</i> , Switzerland<br>Professor of Theoretical Condensed Matter Physics   | 2021 - present   |
|                            | <i>Harvard University</i> , Cambridge, Massachusetts, USA<br>Professor of Physics  | 2005 - 2021  |
|                            | <i>Harvard University</i> , Cambridge, Massachusetts, USA<br>Assistant Professor of Physics  | 2001 - 2004  |
|                            | <i>Harvard University</i> , Cambridge, Massachusetts, USA<br>Junior Fellow, Harvard Society of Fellows   | 1999 - 2001  |
|                            | <i>Institute for Theoretical Physics</i> , Santa Barbara, California, USA<br>Post-Doctoral Fellow  | 1998 - 1999  |
|                            | <i>P.N. Lebedev Physics Institute</i> , Moscow, Russia<br>Diploma student  | 1991 – 1993  |
| <b>EDUCATION</b>           | <i>Stanford University</i> , Stanford, California<br>Ph.D. in Theoretical Physics. Advisor S.C. Zhang  | 1993 -1998   |
|                            | <i>Moscow Institute of Physics and Technology</i> , Moscow, Russia<br>M.S. Degree in Theoretical Physics   | 1988 – 1993  |
| <b>HONORS</b>              | Moore Distinguished Scholar at Caltech<br>Hamburg Prize for Theoretical Physics<br>Simons Investigator<br>Hanna Visiting Scholar at Stanford University<br>Senior Fellow at the Institute for Theoretical Studies ETH Zurich<br>Simons Fellowship in Theoretical Physics<br>Elected Distinguished Scholar at the Max Planck<br>Institute of Quantum Optics (MPQ), Garching, Germany<br>Siemens Research Award, Humboldt Foundation, Germany<br>Elected Fellow of the American Physical Society<br>Johannes Gutenberg Lecture Award, Mainz, Germany<br>National Science Foundation Career Award<br>Sloan Fellowship | 2023<br>2021<br>2021<br>2019<br>2015<br>2015<br>2015<br>2015<br>2014<br>2012<br>2006<br>2002<br>2002 |

|  |  |              |
|--|--|--------------|
| <b>OTHER PROFESSIONAL ACTIVITIES</b>       | Member of the International Advisory Board of the Sommerfeld Center for Theoretical Physics in Ludwig Maximilian University, Munich, Germany   | 2023-current |
|  | Member of the Harvard-MIT Center for Ultracold Atoms   | 2008 - 2021  |
|  | Member of the Institute for Theoretical Atomic, Molecular, and Optical Physics at Harvard Smithsonian Center for Astrophysics and Harvard University Physics Department  | 2018 - 2021  |
|  | Member of the Apker Award Selection Committee of the American Physical Society. This committee selects winners of the LeRoy Apker Award, which recognizes outstanding achievements in physics by undergraduate students. | 2016-2019    |
|  | Foreign Associate of the Quantum Materials Program, Canadian Institute for Advanced Research   | 2011 - 2018  |
| <b>SPECIAL LECTURES and LECTURE SERIES</b> | Lecture series for the CORI 2024 project, University of Palermo, Italy,  | 2025         |
|  | Arnold Sommerfeld Series of lectures, Ludwig Maximilian University, Munich, Germany  | 2024         |
|  | ICFO Lecture series. ICFO , Barcelona, Spain,  | 2023         |
|  | IQOQI Colloquium, Innsbruck, Austrian Academy of Science, Innsbruck, Austria ,   | 2022         |
| <b>SYNERGETIC ACTIVITIES</b>               | Chair of the BEC Conference, Sant Feliu, Spain, 2025   |              |
|  | Editor of the Special Issue in Nature Quantum Materials on "Light Induced States of Matter", 2024  |              |
|  | Organizer of the conference on Topological Phases and Strong Correlations in Many-Body Systems and Light-Matter Hybrids, ITAMP, Harvard University, MA USA, 2023   |              |
|  | Vice-Chair of the BEC Conference, Sant Feliu, Spain, 2023  |              |
|  | Co-Chair of the GRC Quantum Science Conference, Stonehill, MA USA, 2022  |              |
|  | Organizer of the Conference on Wigner Crystals, Harvard University, MA USA, 2020   |              |
|  | Organizer of the Conference on Nonequilibrium Superconductivity, Flatiron Institute, NY USA, 2020  |              |
|  | Organizer of the Aspen Winter Conference on Disorder and Dynamics of Quantum Matter, CO USA 2015   |              |
|  | Organizer of the Workshop on Quantum Dynamics of Low-Dimensional Systems, Harvard, Cambridge, MA USA, 2013   |              |
|  | Organizer of the Aspen Winter Conference on new directions in cold atoms, CO USA, 2012   |              |