

# Symposium @ the 228th American Chemical Society Meeting

## Biophysical Chemistry and Novel Imaging of Single Molecules and Single Cells

August 22-26, 2004, Philadelphia

In recent years, the emergence of new biophysical and biochemical tools for single-molecule and single-cell studies has changed the way many biological problems are approached. This symposium will highlight the latest developments in imaging, spectroscopy, manipulation, and dynamics studies at the single-molecule and single-cell level. It will reflect the new knowledge generated by the use of these tools, and the exciting evolution of the fields through cutting edge experimentation, theoretical understanding, and continued innovation.

### Organizers

Sunney Xie, Harvard University, [xie@chemistry.harvard.edu](mailto:xie@chemistry.harvard.edu)

Taekjip Ha, University of Illinois, [tjha@uiuc.edu](mailto:tjha@uiuc.edu)

Shuming Nie, Emory University, [snie@emory.edu](mailto:snie@emory.edu)

### Invited Speakers

Paul Alivisatos, Gang Bao, Paul Barbara, Hagan Bayley, Maxime Dahan, Julio Fernandez, Xiaohu Gao, Yale Goldman, Stefan Hell, Dudley Herschbach, Robin Hochstrasser, Qian Hong, Tom Jovin, Steven Kowalczykowski, Cathy Lewis, Peter Lu, W. E. Moerner, David Nesbitt, Michel Orrit, Stephen Quake, Ivan Rasnik, Rudolf Rigler, Klaus Schulten, Paul Selvin, Claus Seidel, Robert Singer, Terrence Strick, Attila Szabo, Weihong Tan, Roger Tsien, Sanjay Tyagi, Hörst Vogel, Viola Vogel, Mitchell Wang, Shimon Weiss, Jie Xiao, Toshio Yanagida, Edward Yeung, Dick Zare, Xinsheng Zhao, Xiaowei Zhuang

More information available at <http://bernstein.harvard.edu/events/acs2004/index.html>