

# SSRL as the “birthplace of photon science”

## SSRL 50th Anniversary Celebration

Seb Doniach

April 20, 2023

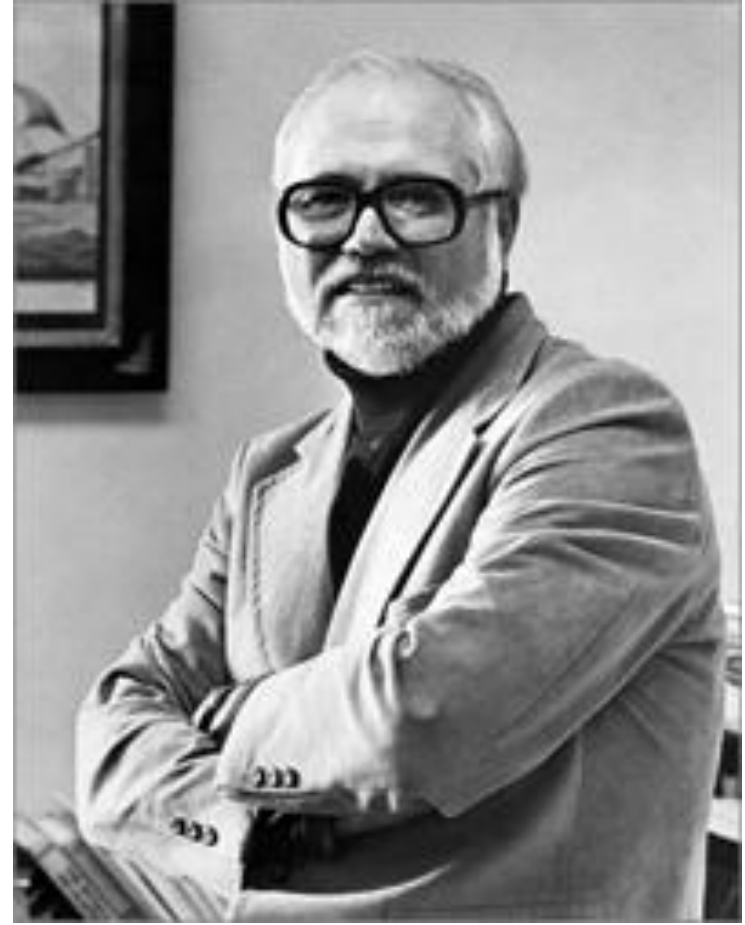


U.S. DEPARTMENT OF  
**ENERGY**

Stanford  
University

**SLAC** NATIONAL  
ACCELERATOR  
LABORATORY

# Bill Spicer





# Burt Richter

# First public presentation of SSRL data:

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**S.Doniach and P.Eisenberger**

Vacuum ultraviolet radiation physics:

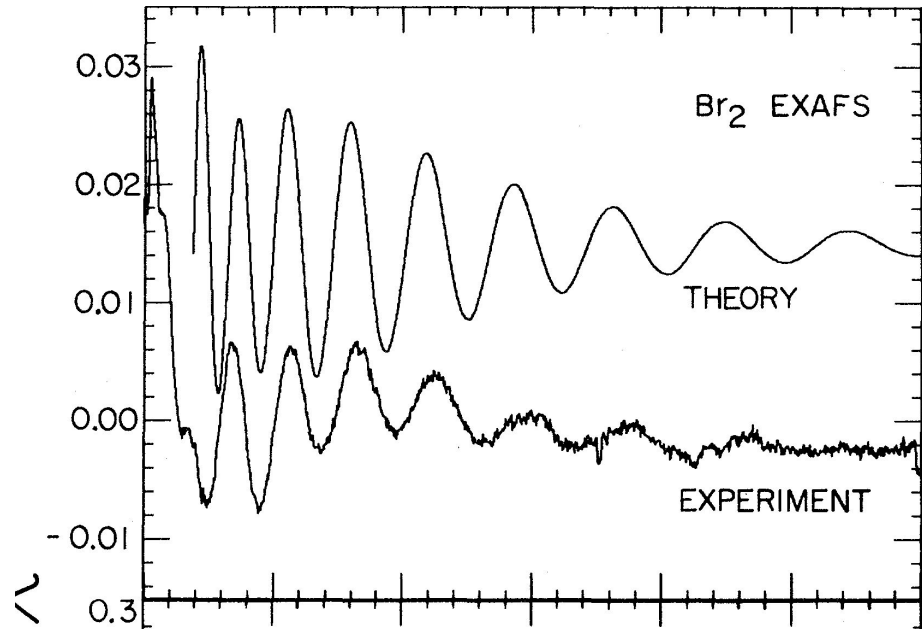
Proceedings of the IV International Conference on Vacuum  
Ultraviolet Radiation Physics,  
Hamburg, July 22-26, 1974

edited by Ernst-Eckhard Koch, Ruprecht Haensel, Christof Kunz.

# Synchrotron Radiation Studies of the K-Edge Photoabsorption Spectra of Kr, Br, and GeC14

## A Comparison of Theory and Experiment

Brian Kincaid  
and Peter Eisenberger  
Phys Rev Letters 1975



# The field of photon science is expanding:

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In 1974: Setting out into new realms of research: DESY starts operating DORIS, a new type of accelerator that can be used not only for particle physics, but also as a particularly bright source of radiation.

In 1978, HASYLAB is set up, a large laboratory for conducting research using this so-called synchrotron radiation.

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