

Manuel Cardona Lectures

These lectures provide the opportunity to hear from some of the most prominent researchers in nano-related fields. They stand in tribute to Prof. Manuel Cardona, a key figure in the history of the ICN2.



Paul S. Weiss

UC Presidential Chair

*Distinguished Professor of Chemistry & Biochemistry, Bioengineering, and Materials Science & Engineering
University of California, Los Angeles*



Tuesday 16 June, 17h



ONLINE SEMINAR

Invited by:

*Prof. Arben Merkoçi
NanoBioelectronics and Biosensors Group, ICN2*

Nanotechnology approaches to Biology and Medicine

Paul S. Weiss holds a UC Presidential Chair and is a Distinguished Professor of Chemistry & Biochemistry, Bioengineering, and Materials Science & Engineering at UCLA. He received his S.B. and S.M. degrees in chemistry from MIT in 1980 and his Ph.D. in chemistry from the University of California at Berkeley in 1986. Before joining UCLA, he worked at the Bell Laboratories, the IBM Almaden Research Center and the Pennsylvania State University. He served as the director of the California NanoSystems Institute and held the Fred Kavli Chair in NanoSystems Sciences at UCLA from 2009-14.

His interdisciplinary research focuses on the ultimate limits of miniaturization, exploring the atomic-scale properties of surfaces, interfaces, supramolecular, and biomolecular assemblies; the development of new techniques to expand the applicability and chemical specificity of scanning probe microscopies; nanofabrication down to ever smaller scales and greater chemical specificity; and applications in neuroscience, gene editing, cancer immunotherapy, and the microbiome. Weiss has received many awards and covered important positions, has written over 400 publications, holds over 30 patents, and has given more than 800 invited, plenary, keynote, and named lectures.

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