



Arthur Voter receives American Chemical Society Award

March 19, 2018

The American Chemical Society (ACS) has awarded Arthur Voter of the Laboratory's Physics and Chemistry of Materials group the 2018 ACS Physical Chemistry Division Award in Theoretical Chemistry. The ACS cited him: "For pioneering the development of accelerated molecular dynamics methods and their application to key problems in physical chemistry and materials science."

As the award recipient, Voter will receive an honorarium and a plaque, and he has been invited to the next Telluride School on Theoretical Chemistry (TSTC) in 2019 as an honored guest. Voter will be honored with the award and will be given the opportunity to present a plenary lecture at TSTC. Additionally, Voter will present and be recognized at the annual reception sponsored by the Physical Division and the *Journal of Physical Chemistry* at the fall ACS meeting in Boston that follows TSTC.

Voter's achievements

Voter joined the Laboratory in 1983 as a postdoctoral fellow after completing his Ph.D. in chemistry at the California Institute of Technology. He transitioned to a technical staff member in 1985 in the Theoretical (T) Division. His research focuses on the development and application of atomistic simulation methods for problems in chemistry, physics, and materials science. Voter designs ways to study infrequent events, also known as activated processes. He has contributed to over 130 articles and has recently published research in *Computational Materials Science* and *Physical Review Letters*. Voter is a Fellow of the American Physical Society and Los Alamos National Laboratory.

About the American Chemical Society

The American Chemical Society is the world's largest scientific society, including over 150,000 members in more than 140 countries. The U.S. Congress chartered the ACS in 1876, with a mission to "advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people." The society produces over 50 peer-reviewed journals and has published more than 8700 articles by chemistry Nobel Laureates.

The Telluride School on Theoretical Chemistry is held biennially and includes 30 collaborators selected through a competitive process. The collaborators meet with a handful of senior faculty members as well as the ACS Physical Division Awardee – Arthur Voter in 2019. The one-week intensive program includes daily lectures focusing

on electronic structures, statistical mechanics, and chemical dynamics as well as problem solving sessions and outdoor activities.

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Los Alamos National Laboratory

www.lanl.gov

(505) 667-7000

Los Alamos, NM

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