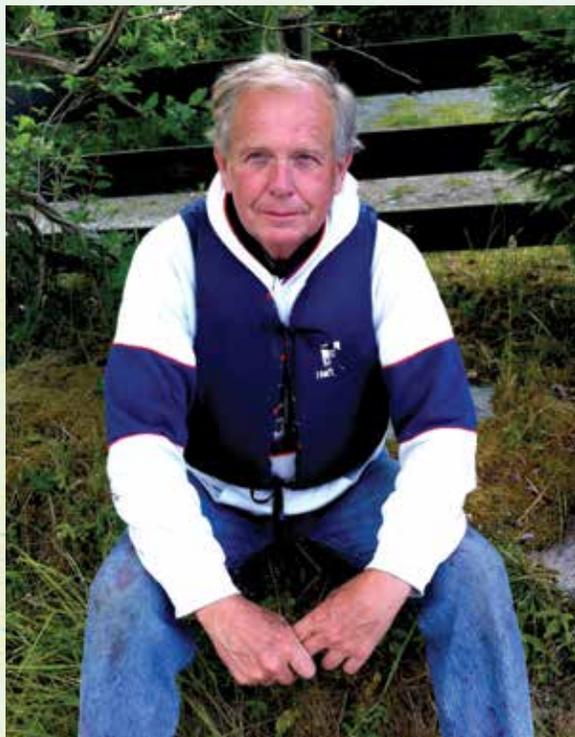


Chemistry in Service to Humanity and Earth



Professor Leiv K. Sydnes

2004-2005 IUPAC President
Department of Chemistry
University of Bergen, Norway

Friday, March 13

3:30 p.m.

**Room 1315 Daniels Chemistry Bldg.
UW-Madison Campus**

A reception will follow in the Shain Atrium

BRIEF BIO

Dr. Sydnes was educated in Norway and Canada and is currently Professor of Organic Chemist at the University of Bergen. His research field is organic synthesis, with emphasis on development of synthetic methodology. Many of the problems investigated have been and are related to preparation and studies of biologically active molecules and compounds of medicinal interest. He is actively involved in research cooperation in a number of countries (Austria, Australia, Canada, Japan, Russia, Switzerland, Thailand, and USA). He has published more than 130 peer-reviewed publications and contributed chapters to a number of books.

ABSTRACT

Today the world is facing a large number of significant problems that have to be solved if we are going to secure a sustainable future. Whether the issue under consideration is related to energy supply, food safety, water quality, security, or development of new, affordable drugs the main challenges are in essence chemical in nature. The chemical community therefore has a considerable responsibility to act on behalf of society, which, on the other hand, has a key role to play to enable us to take action. Some of these actions have to do with funding of research and development, others with political initiatives to change school curricula and improve the education of the public. In order to achieve this cooperation between governments and NGOs appears to become more and more important. In the lecture the big picture will be outlined using concrete examples from many years as a member of the leadership of the International Union of Pure and Applied Chemistry (IUPAC).