

CHEMICAL REACTIVITY FROM AN ATOMIC PERSPECTIVE

ROLAND WESTER

University of Innsbruck
Institute for Ion and
Applied Physics
Innsbruck
Austria

Understanding the dynamics of chemical reactions has driven research for more than a century. Molecular scattering experiments under single-collision conditions are a powerful approach to this goal. In the last years, we have developed precise techniques to investigate ion-molecule reactions, which are important in various branches of science from chemical synthesis in solution to the evolution of interstellar molecular clouds. In this talk I will discuss different aspects of chemical dynamics that we have unraveled using crossed-beam velocity map imaging and cryogenic ion trapping.

FRIDAY,
10.01.2020

2:00 PM

CFEL
SEMINAR ROOMS I-III

