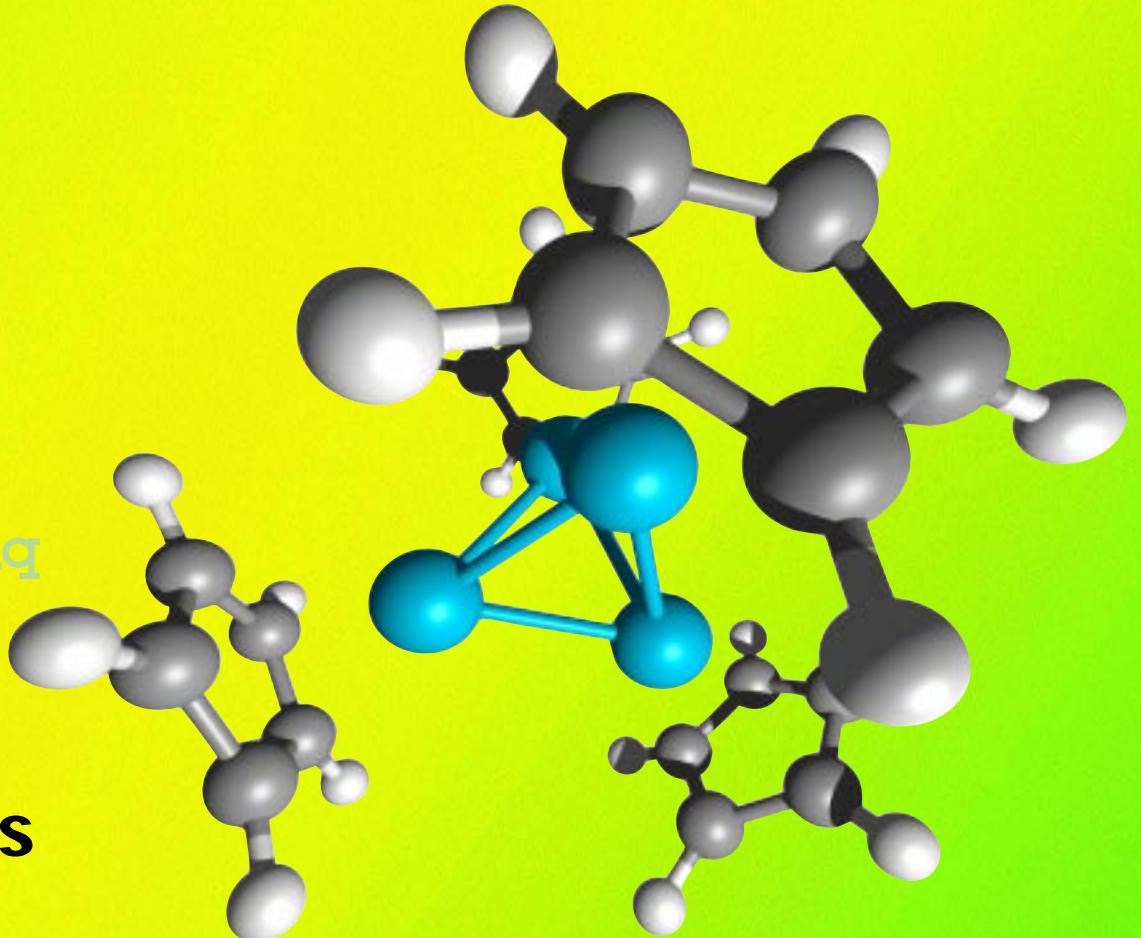


# Winterschool

# **Modern Methods and Algorithms of Quantum Chemistry**

**Forschungszentrum Jülich · 21 – 25 February 2000**

```
do i=1, ncenters
    iat=iindex(i)
    if (iat<nelectr) then
        &          call sgemv('N', 3, ng
```



**Density Functional Theory**

**Ab initio Molecular Dynamics**

**Post-Hartree-Fock Methods**

**Heavy-Element Chemistry**

**Linear Scaling Approaches**

**Semi-empirical and Hybrid Methods**

**Parallel Numerical Techniques and Tools**

A 3D molecular model icon consisting of several grey spheres connected by thin grey lines, representing a molecule's structure.

**Participants: Students and postdocs  
with basic knowledge of quantum-chemical methods**

**No registration fee · Accommodation in Aachen**

**Deadline for poster contributions: 15 January 2000**

Information: [wsqc@fz-juelich.de](mailto:wsqc@fz-juelich.de) • [www.fz-juelich.de/wsqc](http://www.fz-juelich.de/wsqc)

# Forschungszentrum Jülich

**in cooperation with**

# Arbeitsgemeinschaft für Theoretische Chemie