

SCOPE

The scope of the expert panel W&T4 includes fundamental research in chemistry in the broadest sense, as indicated in the following list of sub-disciplines. It relates to novel and innovative basic research on phenomena that occur in chemical processes that typically lead to new structures, compounds or materials, or to new related insights.

This often includes design strategy, synthesis, structure determination, characterisation, analysis and/or modelling of these processes and structures, compounds or materials.

More specifically, in the following sub-disciplines:

TOPICS

- » Quantum and computational chemistry
- » Environmental and atmospheric chemistry
- » Macro-, supramolecular and polymer chemistry
- » Molecular design
- » Inorganic chemistry
- » Organic chemistry
- » Radiochemistry
- » Analytical chemistry and spectroscopy
- » Chemometrics and metrology
- » Electrochemistry
- » Materials chemistry
- » Organometallic chemistry
- » Homogeneous and heterogeneous catalysis
- » Photo chemistry
- » Plasma chemistry
- » Physical chemistry
- » Chemical aspects of biochemistry and medicinal chemistry
- » Mechanisms, dynamics and kinetics of chemical reactions