

SCOPE

The scope of expert panel W&T6 is fundamental engineering research targeting in content and/or methodology chemical and material science engineering. The final outcome of the research is fundamental and innovative knowledge with a long term applicability objective.

More specifically:

TOPICS

- » (Electro)chemical and biochemical process engineering, unit operations, (bio)reactor technology
- » Heterogeneous/technical catalysis
- » Adsorption, separation, transport phenomena, thermal and fluid engineering
- » Rheology, microfluids and multiphase flow
- » Nanostructure functional materials and biomaterials
- » Porous materials and membranes
- » Materials for energy
- » Environmental engineering and technology, sustainable development and hazardous materials
- » Ceramics, metals and powders, polymers, composites and textiles
- » Soft condensed matter
- » Surface engineering and tribology
- » Materials properties, characterisation and testing
- » Materials degradation and durability
- » Computational methods and multiscale modelling in material science and chemical engineering
- » Product design and formulation