

CO-CREATION: Molecular Modelling in Industrial Research and Development

1.3.–31.8.2019

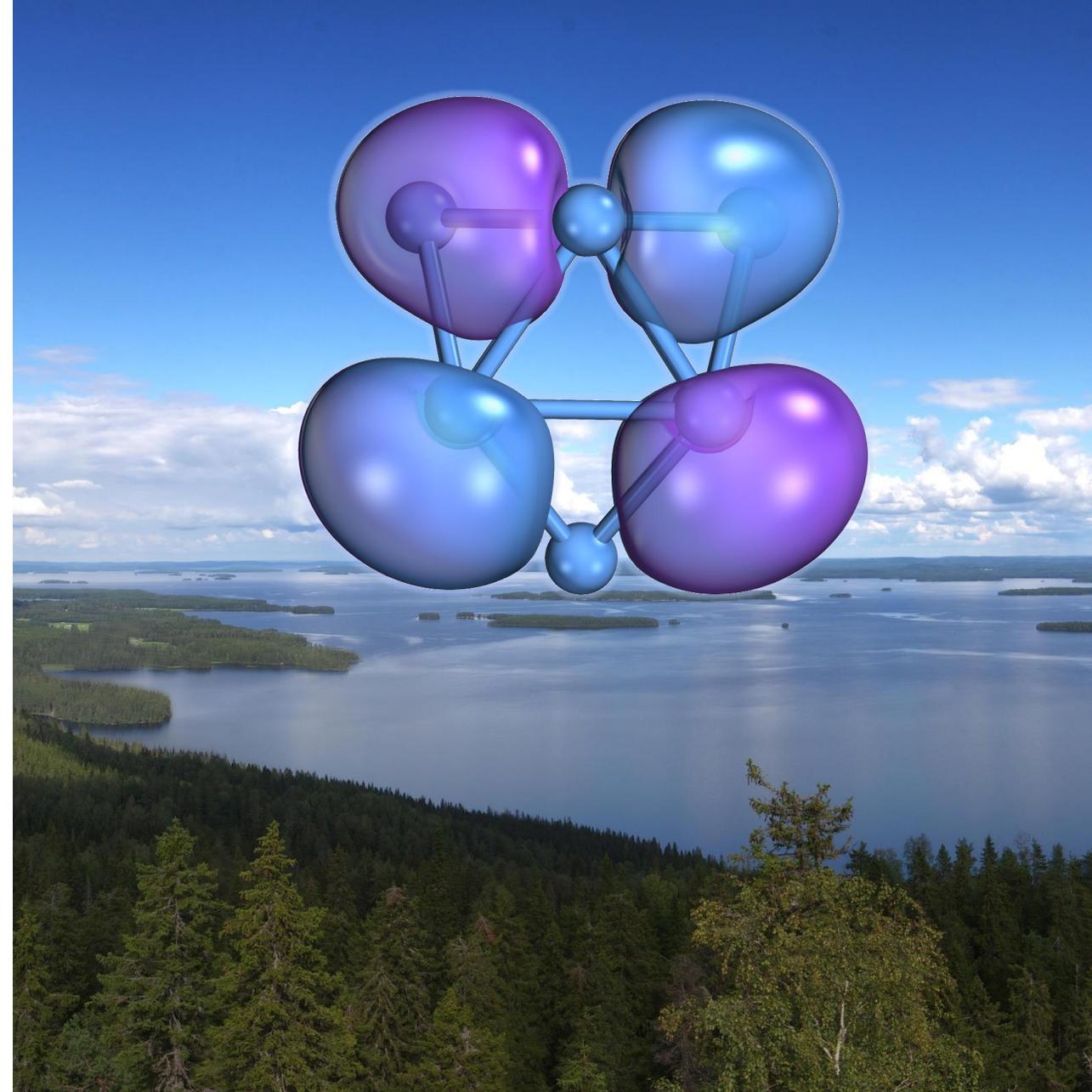
AALTO UNIVERSITY

Contact: Project Manager Virve Karttunen
virve.karttunen@aalto.fi, +358 50 476 1011

WANTED PARTNERS:

Companies looking for new molecular-level innovations and breakthroughs in their R&D.

Relevant sectors: polymers, semiconductors, catalysts, pulp & paper, petrochemicals, inorganic materials, sensors, specialty chemicals, plastics



CO-CREATION:

Molecular Modelling in Industrial Research and Development

AIM & CONTENT OF THE CO-CREATION PROJECT

Find industrially relevant R&D cases and use molecular modelling to surpass barriers to innovation. Promote molecular modelling and find partners for a Co-Innovation project.

BENEFIT & COMPETITIVE ADVANTAGE OF THE SOLUTION

Molecular modelling is very **cost-effective** (ROI 9:1). It is also a **sustainable** and **safe** approach, reducing the need for chemicals and laboratory experiments. Molecular modelling offers crucial atomistic viewpoint for chemical R&D.

TARGET MARKETS & GLOBAL MARKET POTENTIAL

Molecular modelling is an important approach in industrial R&D worldwide. Molecular modelling has true potential to **speed up** and **scale up** product development cycles. In 100 years, everything will be modelled before experiments!

Project website: <https://wiki.aalto.fi/display/MMRD>