

A02-3

# Preparation and Electromagnetic Properties of Condensed Molecular Nanocoils.

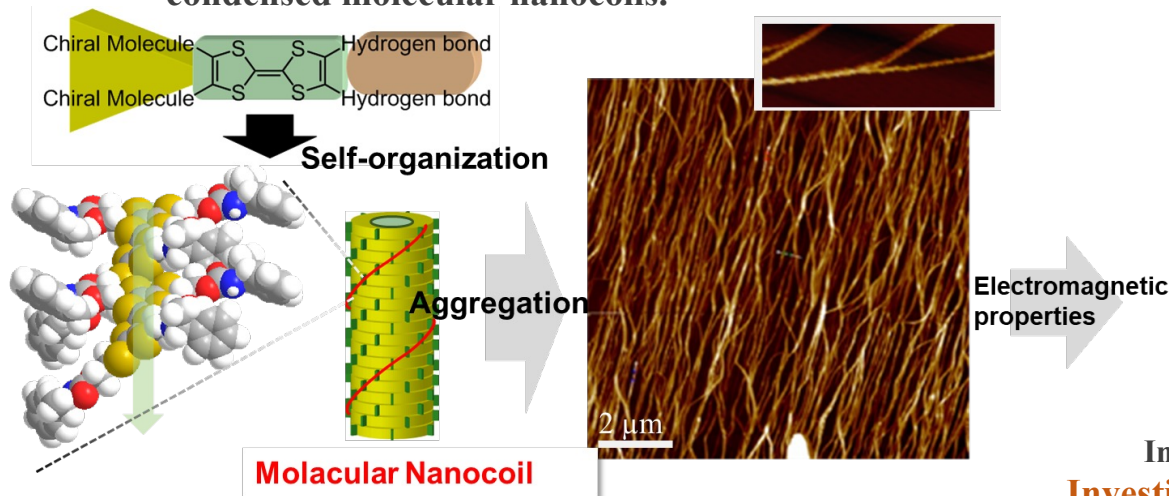
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**Our Mission:** : Realization of molecular systems with complete control over the wide-range and spatially aligned intermolecular interactions.

## Our aim in A02-3

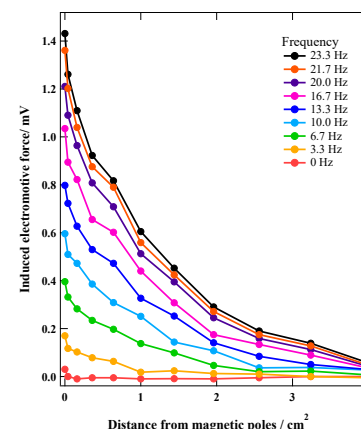
- Synthesis of organic conducting molecules condensed molecular nanocoils.
- Electromagnetic property and investigation of structures-physical properties of condensed molecular nanocoils.

Synthesis of organic conducting materials and condensed molecular nanocoils.



Structural control of diameter and pitch of nanocoils.

Electromagnetic properties of condensed molecular nanocoils



Induced electromotive force : 1.4 mV

Investigation between helical structures and electromagnetic properties.