

Research Center for Functional Molecular Systems

Gravitation Program - The Netherlands

The Research Center for Functional Molecular Systems (FMS) is a partnership of the organic and macromolecular chemistry teams of the Eindhoven University of Technology, the Radboud University Nijmegen, and the University of Groningen, brought together to extend the frontiers of chemical self-assembly.

This highly interdisciplinary team of outstanding scientists is seeking to gain a deeper understanding of the molecular mechanisms, structures, and chemical processes that lead to living systems. Towards this goal, four research programs have been established to complete a single grand challenge: **the construction of functional life-like molecular systems.**

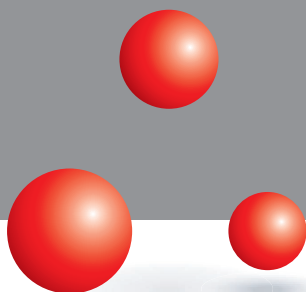
The FMS Research Center strives for:

- an excellent level of research resulting from collaboration and synergy;
- the education of new generations of researchers; and
- international recognition in the area of functional molecular systems.

Excellent and enthusiastic students and junior researchers are encouraged to apply for PhD and postdoctoral positions to join the FMS Research Center.

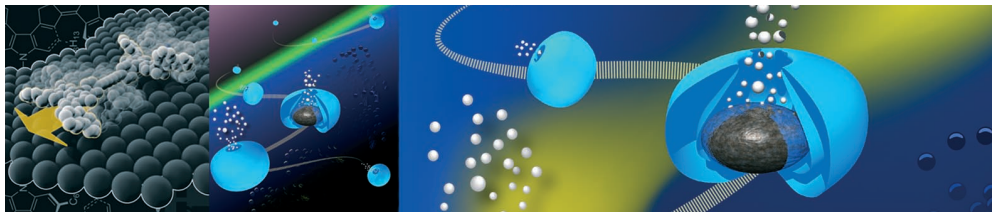
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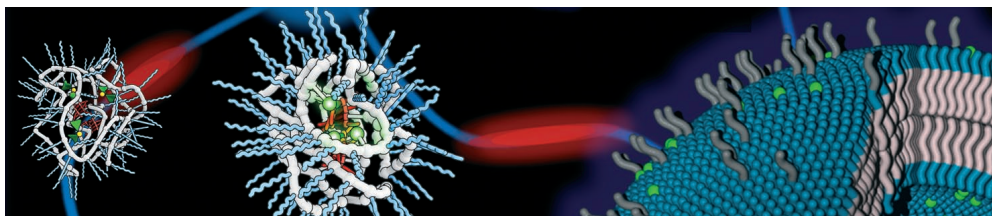
Adaptive Nanosystems

'Mastering the movement of nanoscopic objects'



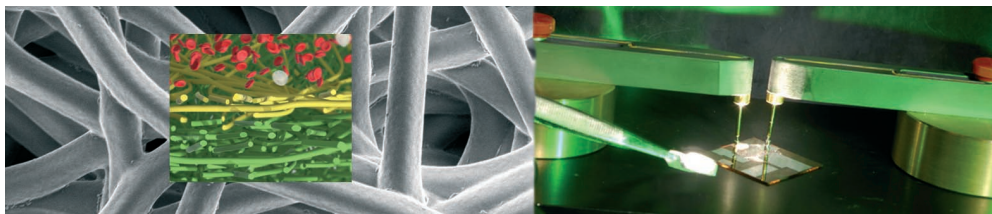
Bio-inspired Molecular Systems

'Engineering artificial cell-like systems'



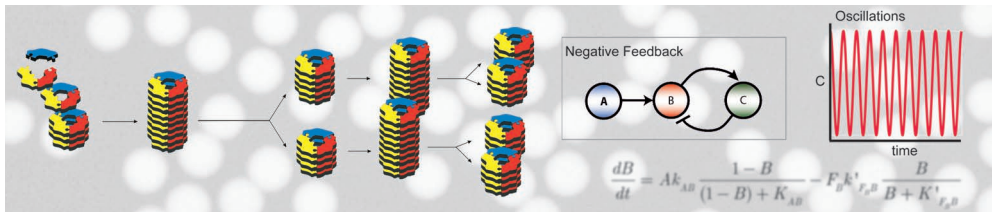
Nanoscopically Structured Functional Materials

'Creating function out of hierarchical organization'



Out-of Equilibrium Systems

'Discovering the complexity of living systems'



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