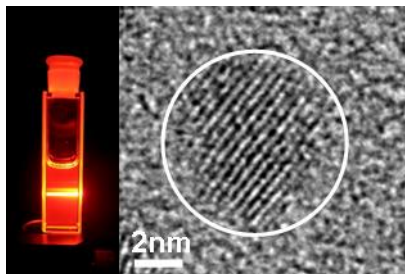
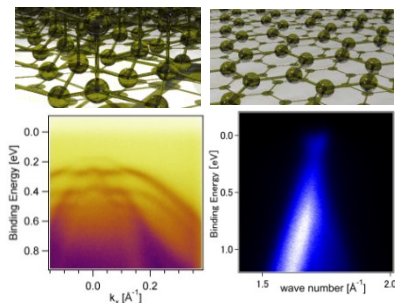


## 1. New Photo-Functional Materials Using Quantum Effects



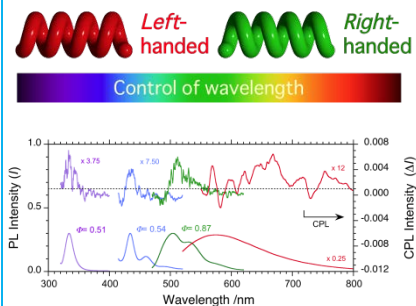
Quantum Materials Science

## 2. How Atoms are Arranged and How Electrons Function



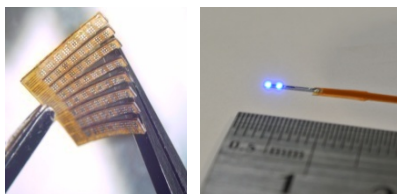
Surface and Materials Science

## 3. Advanced Polymer Molecular Science



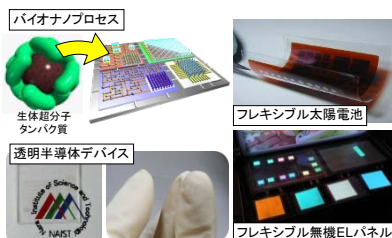
Advanced Polymer Science

## 4. Photo-Functional Elements at the Center of Advanced Technology



Photonic Device Science

## 5. Research on Functional Information Elements supporting the Next-generation Information Society



Information Device Science

## 6. Energy Electronic Devices Supporting our Lives



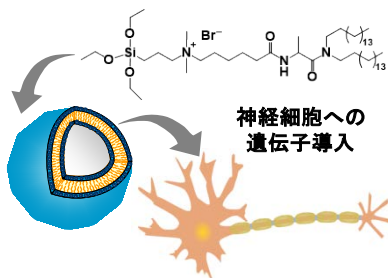
Microelectronic Device Science

## 7. The Frontline of Fine Synthetic Technology



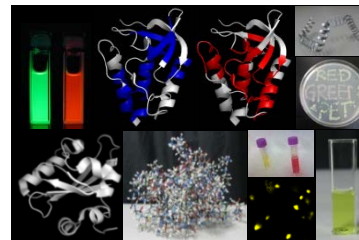
Synthetic Organic  
Chemistry

## 8. Molecular Machine Supported Nano- medicine



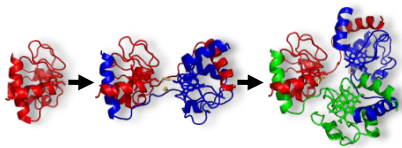
Biomimetic Materials  
Science

## 9. Protein Mechanisms Seen through Color, Shape and Movement



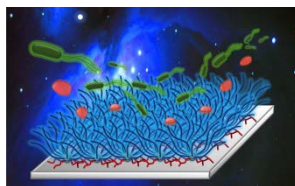
Bioenergetics and  
Biophysics

## 10. Bio-functional Control and Nano Science Achieved through Supramolecular Chemistry



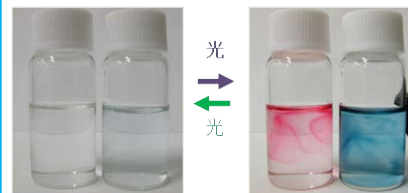
Supramolecular Science

## 11. Medical Supplies with New Functions Achieved with Artificial Collagen and Nano-structured Polymers



Biocompatible  
Materials Science

## 12. Chromism- Molecule Color Changed by Light and Electricity



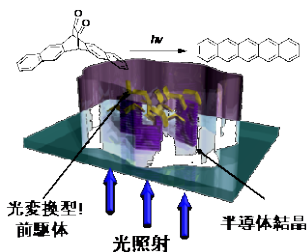
Photonic Molecular  
Science

### 13. Next-generation Photonic Signal Processing through Optical Nano Semiconductors and Femtosecond Technology



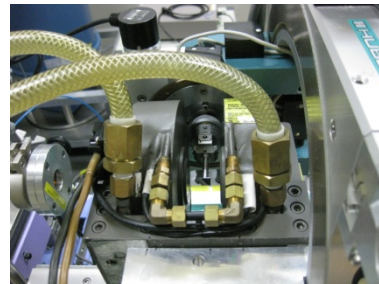
Ultrafast Photonics

### 14. Organic Semi-conducting Polymer Creation through Precursor Methods



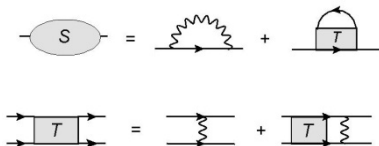
Photofunctional Organic Chemistry

### 15. Looking at Magnetic Materials with Radiation



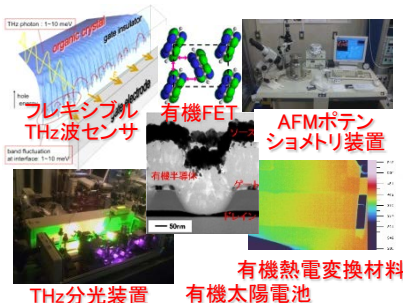
Nanostructure Magnetism

### 16. Effects on Multi Exciton: An Approach for High Efficiency Photoelectronic Conversion Elements



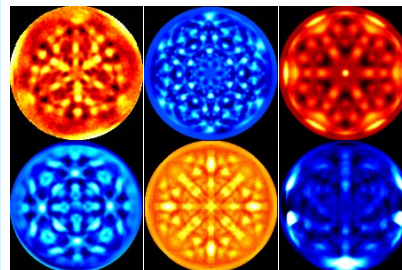
Theoretical Condensed Matter Physics

### 17. Organic Electroluminescence and Energy Harvesting



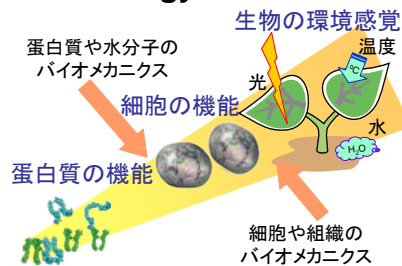
Organic Electronics

### 18. Atomic Arrangement Holography



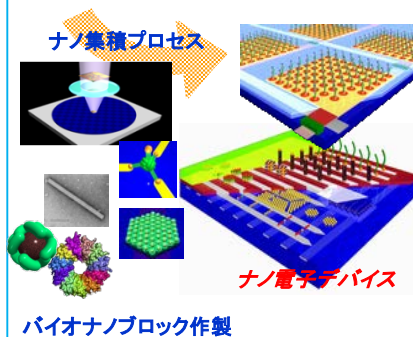
Green Nanosystem

## 19. Learning Organisms' Environmental Sensing Seen through Advanced Laser Measurement Technology



Green Bio-Nano

## 20. Towards The Fusion of Bio and Nano Worlds



Mesoscopic Materials Science

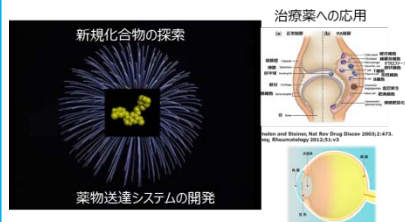
## 21. How the White LED Works



LED電球内部写真

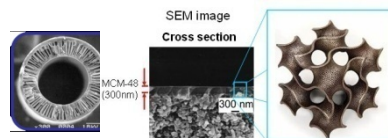
Intelligent Materials Science

## 22. Low Molecular Weight Medicine Exploratory Research



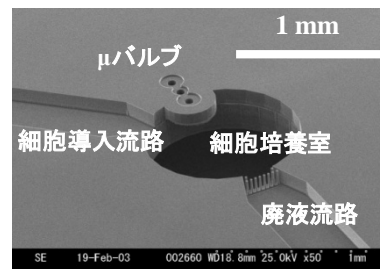
Functional Polymer Science

## 23. Nano Control Materials to Solve the Global Warming



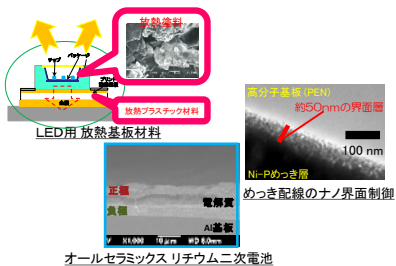
Ecomaterial Science

## 24. Micro Total Chemical Analysis System and Molecular Imaging



Sensory Materials and Devices

## 25. New Material Development to Realize New Energy and Electrical Equipment



Advanced Functional  
Materials