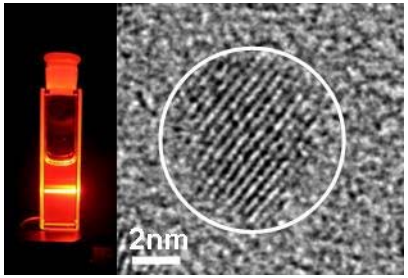
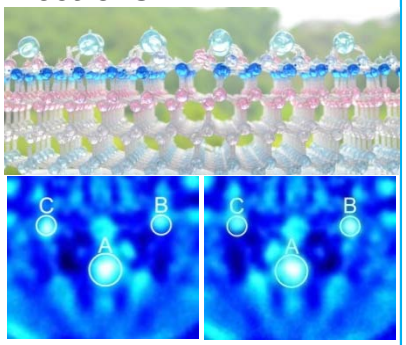
1. New Photo-Functional Materials Using Quantum Effects



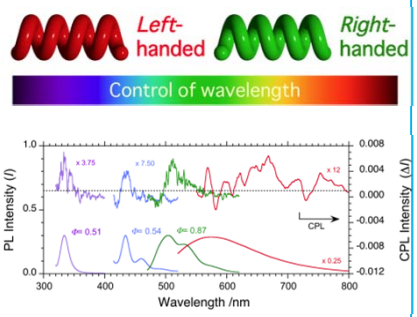
Quantum Materials Science

2. Looking into the Nano World with Light and Electrons



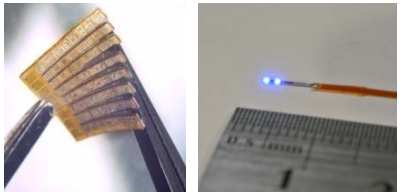
Surface and Materials Science

3. Advanced Polymer Molecular Science



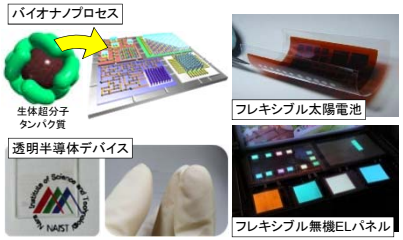
Advanced Polymer Science

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

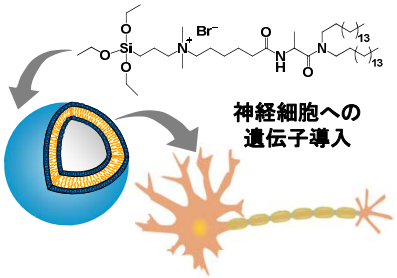
6. Energy Electronic Devices Supporting our Lives

Microelectronic Device Science

7. The Frontline of Fine Synthetic Technology

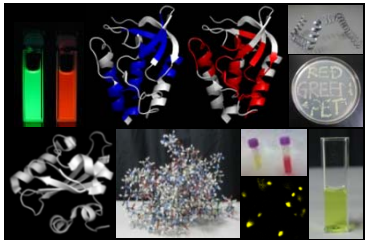
Synthetic Organic Chemistry

8. Molecular Machine Supported Nano-medicine



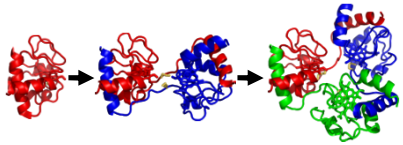
Biomimetic Materials Science

9. Protein Mechanisms Seen through Color, Shape and Movement



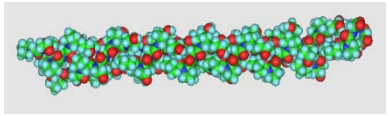
Bioenergetics and Biophysics

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

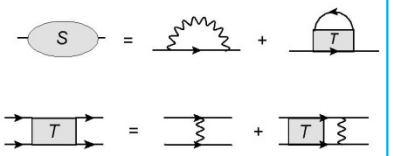
13. Next-generation Photonic Signal Processing through Optical Nano Semiconductors and Femtosecond Technology

Ultrafast Photonics

14. Looking at Magnetic Materials with Radiation

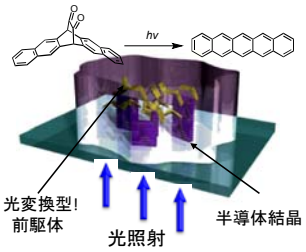
Nanostructure Magnetism

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



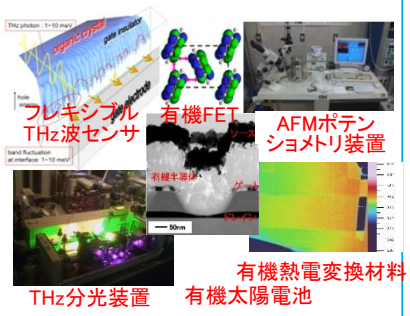
Theoretical Condensed Matter Physics

16. Organic Semi-conducting Polymer Creation through Precursor Methods



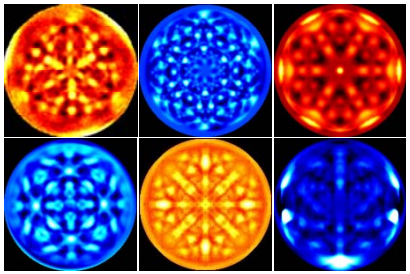
Photofunctional Organic Chemistry

17. Organic Electroluminescence and Energy Harvesting



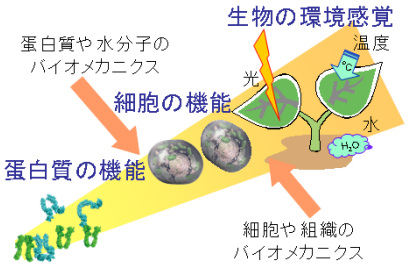
Organic Electronics

18. Atomic Arrangement Holography



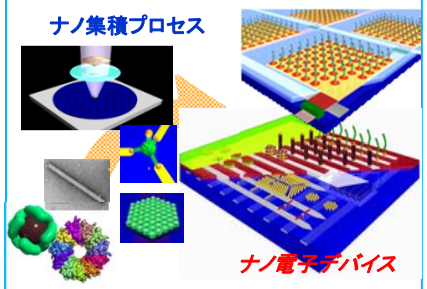
Green Nanosystem

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



Green Bio-Nano

20. Towards The Fusion of Bio and Nano Worlds



バイオナノブロック作製

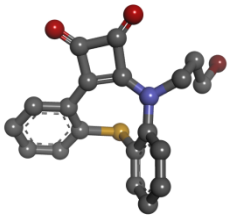
Mesoscopic Materials Science

21. How the White LED Works

LED電球内部写真

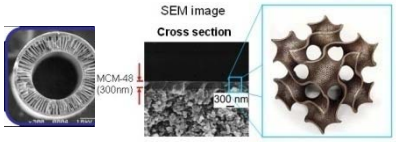
Intelligent Materials Science

22. Low Molecular Weight Medicine Exploratory Research



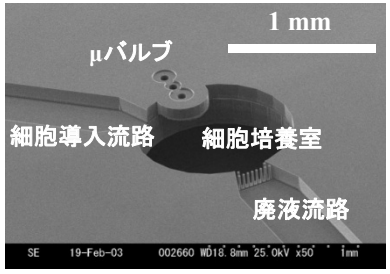
Functional Polymer Science

23. Nano Control Materials to Solve the Global Warming



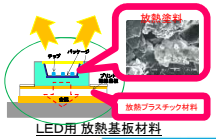
Ecomaterial Science

24. Micro Total Chemical Analysis System and Molecular Imagining

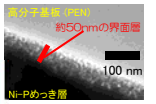


Sensory Materials and Devices

26. New Material Development to Realize New Energy and Electrical Equipment



LED用 放熱基板材料



めっき配線のナノ界面制御

オールセラミックス リチウム二次電池

Advanced Functional Materials