

13:30-16:30

University of Tsukuba

Gento Yamaguchi (P-1)

Unique and Selective Molecular Recognition by BODIPY Macrocyclic Oligomers

Kou Tashita (P-2)

Triple-Stranded Helicates Bearing 2,2'-Bipyridine for Homochiral Supramolecular Assemblies

Sayuri Suzuki (P-3)

Synthesis of a self-assembled rectangular host with terpyridine-platinum(II) moieties and recognition ability toward aromatic compounds

Hiroya Sakurai (P-4)

Dendritic effect on photoisomerization of distyrylbiphenyl

Kai Takayama (P-5)

Photochemical behavior of 2-[2-(2-pyrrolyl)ethenyl]pyridine with electron accepting and donating substituents

Michitaka Mamiya (P-6)

Study of the effect of solvent on the isomerization of azobenzene cored dendrimer

Haoyue Shen (P-7)

Poly(Phenylene-alt-Fluorene) with Circularly Polarized Light Emission

Naoto Eguchi (P-8)

Synthesis of polycarbazole film in cholesteric liquid crystal

Ryosuke Kikuchi (P-9)

Making a template of helical poly(phenylisocyanide) to align the nanomaterials

Kohei Yamabe (P-10)

Synthesis and properties of new low band gap polymer based on isothianaphthene

Shota Hirokawa (P-11)

Synthesis of chaos electropolymerization

Masashi Otaki (P-12)

Synthesis of low-bandgap conjugated polymer with light isomerization function

Ayumu Niiyama (P-13)

Glucose/O₂ biofuel cell using carbon cloth modified with MgO-templated carbon

Hiroto Funabashi (P-14)

Hierarchically pore-structured carbon for efficient electroenzymatic reactions

Atsushi Ebata (P-15)

Polymerization of algal oil model compounds using metal complex catalysts

Yuya Fukuzumi (P-16)

Ion dependence of diffusion dynamics in Na₂Ti₃O₇ and Na₂Ti₆O₁₃

Kaoru Amaha (P-17)

Interrelation between battery property and chemical inhomogeneity in O₃-Na(Fe,Co)O₂

Rögnvaldur Línal Magnússon (P-18)

Temperature dependence of redox potential in Prussian blue analogues

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Jiamin Chen (P-19)

Enhancement of L21 ordering and spin-polarization of Co₂FeSi thin film by substitution of Fe with Ti

Lihua Liu (P-20)

Coercivity enhancement of hot-deformed Nd-Fe-B magnets by the eutectic grain boundary diffusion process

Ikhtiar (P-21)

Future directions of read head development in high density hard disk drives : doped-MgO magnetic tunnel junctions and lateral spin valves

Jinxing Jiang (P-22)

Visualization of nano structures in the buried interfaces by X-rays

Jinxing Jiang (P-23)

Creating ultra thin nano rings

Wenyang Zhao (P-24)

X-ray movie: how elements move in the material?

Yuwei Liu (P-25)

Unexpected expansion of thermoresponsive polymer thin film poly-(N-isopropylacrylamide)

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Yen Pham (P-26)

Capturing radioactive cesium by the use of Montmorillonite

Haruya Kobayashi (P-27)

Chasing changes at surfaces and interfaces by X-rays

Xin Ji (P-28)

Study of Strain rate dependence of tensile deformation behaviors in a metastable β -Ti alloy

Qiang Jiang (P-29)

Change in mechanical and thermal properties of Zr-Cu-Al-Ni metallic glasses induced by high-pressure torsion

Wataru Tasaki (P-30)

Effect of Deformation Temperature on Mechanical Properties and Microstructure in Fe-28Mn-6Si-5Cr Shape Memory Alloy

Qingyi Xiang (P-31)

Voltage control of magnetic anisotropy in Fe/MgO ultrathin film heterostructures

Yuki Iida (P-32)

Evaluation of perpendicular magnetic anisotropy in Tb-inserted CoFeB/oxide interfaces

Thomas Scheike (P-33)

Lattice-matched magnetic tunnel junctions using MgAlO barrier

Shigeyuki Hirayama (P-34)

Interface magnetic anisotropy and related properties in NiFe/Pt bilayers

Kantaro Tsuchiya (P-35)

Thermoelectric properties of YbB₆ single crystals

Yeji Song (P-36)

Massive hydration-driven swelling of a layered perovskite niobate in aqueous solutions containing various organoammonium ions

Leanddas Nurdiwijayanto (P-37)

Chemically exfoliated MoS₂ nanosheets: the quality and stability

Xueyin Bai (P-38)

Neat Tiling of Two-dimensional Nanosheets by Facile Dip-coating Process

Kei Kamanaka (P-39)

esign of titania nanosheet films through integration with various nanosheets to enhance photoinduced hydrophilic conversion property

Kullavadee Karn-orachai (P-40)

2D arrays of Au@Ag coreshell nanoparticles as sensitivity enhancement optics of SERS-based immunosensors for influenza A

Kiril Bulgarevich (P-41)

Very small device-to-device variation of pBTTT-C16 field-effect transistor arrays fabricated by flow-coating

Qiao Li (P-42)

Electronic modulation and confinement of free-standing graphenes studied by Raman Scattering Spectroscopy

Karim Abdul (P-43)

Mapping potential distribution of biased complex networks formed by metallic nanowires

Yige Sun (P-44)

The Asymmetric Dual-graphene Lithium-ion Capacitors (LIC) with High Energy Density

Jing Li (P-45)

A Study on Interaction between Ionic Liquids and Graphene-Based Electrodes

Tomoya Fukui (P-46)

Control over pathway complexity in supramolecular polymerization through modulating the energy landscape by molecular design

Xinlong Wang (P-47)

Independent influence of cell adhesion and spreading area on osteogenic and adipogenic differentiation of mesenchymal stem cells

Jingchao Li (P-48)

Effect of gold nanoparticle size and shape on osteogenesis of mesenchymal stem cell

Jing Zhang (P-49)

Preparation of gelatin/Fe₃O₄ composite scaffolds with controlled pore structure for cancer cell ablation

Xiaomeng Li (P-50)

3D culture of chondrocytes in gelatin hydrogels with different stiffness

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Ying Chen (P-51)

Preparation of dexamethasone incorporated calcium phosphate nanoparticles for tissue engineering

Xiuhui Wang (P-52)

Collagen porous scaffolds prepared by using ice particulates

Yingjun Yang (P-53)

Manipulation of cell functions by micropatterned surface

Nur Rofiqoh Eviana Putri (P-54)

Preparation of collagen-PLGA hybrid scaffolds with controlled pore structure for cartilage tissue engineering

Xi Chen (P-55)

Design of Bio-inspired Adhesive Surface Using Hexanoyl Group-modified Gelatin and Silicon Nanowire

Yosuke Mizuno (P-56)

Enhanced Sealing Strength of Hydrophobically-modified Allaska pollock Gelatin-based Tissue Adhesives for Biomedical Applications

Takeshi Sato (P-57)

Self-healing Hydrogels Cross-linked by Metal-ligand Interaction for Biomedical Application

Yasuhiro Nakagawa (P-58)

Apoptotic Cell Membrane Inspired Polymers for Immunomodulation

Eri Niiyama (P-59)

Anticancer Nanofiber Meshes for Combined Thermo/Chemo-therapy

Ryo Takai (P-60)

Smart Nanofiber Meshes for Development of Wearable Uremic Toxins Removal Devices

Shiori Sugiura (P-61)

Phase diagram and vortex states in high magnetic fields for organic superconductor $\beta''-(\text{ET})_2\text{SF}_5\text{CH}_2\text{CF}_2\text{SO}_3$

Junyi Chen (P-62)

Improving silicon nanowire solar cell performance

Kotaro Nishibe (P-63)

Growth and doping control of Ge/Si core-shell nanowires

Emi Kano (P-64)

High-resolution STEM observation of Cu clusters on graphene

Cheng Po-Han (P-65)

Characterization of Magnetic Tunnel Junction by Cs-correct Transmission Electron Microscope