# VISITING PROFESSORS' ACTIVITIES IN ICR



Vis Prof MATSUO, Yutaka (D Sc)

Laboratory of Polymer Controlled Synthesis

Project Professor, School of Engineering, The University of Tokyo (7-3-1 Hongo, Bunkyo-ku, Tokyo 113-8656)

### Lecture at *ICR*

Materials Science of Organic Semiconductor Functionalization of Fullerene/Carbon Nanotube and Development of Organic Thin Film Solar Cell



Vis Prof MURAYAMA, Masafumi (D Sc)

Laboratory of Hydrospheric Environment Analytical Chemistry

Professor, Center for Advanced Marine Core Research, Kochi University (Monobeotsu, Nankoku, Kochi 783-8502)

# Lecture at ICR

What occurred on the Shallow and Deep Seafloor by the Great East Japan Earthquake



Vis Prof SUGIOKA, Koji (D Eng)

Laboratory of Laser Matter Interaction Science

Unit Leader, RIKEN-SIOM Joint Research Unit, RIKEN (2-1 Hirosawa, Wako, Saitama 351-0198)

Lecture at ICR

High-performance Materials Processing by Using Manipulated Laser Beams



Vis Prof AKIYAMA, Yutaka (D Eng)

Laboratory of Mathematical Bioinformatics Professor, Department of Computer Science

School of Computing, Tokyo Institute of Technology

(2-12-1 Ookayama, Meguro-ku, Tokyo 152-8552)



Massively Parallel Bioinformatics Computing on K-computer, TSUBAME, and Azure: Metagenome Analysis and Exhaustive Proteinprotein Interaction Prediction



Vis Prof DE LA HIGUERA, Colin Manuel (Ph D)

Laboratory of Mathematical Bioinformatics

Professor, UFR de Sciences et Techniques, University of Nantes (2 rue de la Houssinière, BP 92208, 44322 Nantes Cedex 03, France)

Lecture at ICR

Machine Learning is about Intelligent Forgetting



Vis Assoc Prof FURUKAWA, Ko (D Sc)

Laboratory of Structural Organic Chemistry

Associate Professor, Centre for Instrumental Analysis, Niigata University (Nishi-ku, Niigata 950-2181)



Spin Dynamics Study for Functional Materials by Advanced ESR Spectroscopy



Vis Assoc Prof KAWANO, Ryuji (D Eng)

Laboratory of Biofunctional Design-Chemistry

Associate Professor, Tokyo University of Agriculture and Technology (2-24-16 Naka-cho, Koganei-shi, Tokyo 184-8588)

# Lecture at ICR

Construction and Application of Artificial Cell Membranes Using Micro-Sized Processing Techniques



Vis Assoc Prof TAKAHASHI, Yoshiaki (D Eng)

Laboratory of Molecular Rheology

Associate Professor, Institute for Materials Chemistry and Engineering, Kyushu University (6-1 Kasuga Koen, Kasuga, Fukuoka 816-8581)



Dissolution Condition of Cellulose into Ionic Liquids and Characterization of the Solutions by Rheological Measurement



Vis Assoc Prof OGAWA. Yoshihiro (D Sc)

Laboratory of Nanophotonics

Associate Professor, Graduate School of Education, Joetsu University of Education (1, Yamayashiki-machi, Joetsu-shi, Niigata 943-8512)

# Lecture at ICR

Coherent Spectroscopy and its Application to the Coherent Control of Quantum States in Semiconductors



Vis Assoc Prof ZHU, Shanfeng (D Eng)

Laboratory of Bio-knowledge Engineering

Associate Professor, Fudan University (No.825, Zhangheng Road, Shanghai, China)

# Lecture at ICR

DeepMeSH and MeSHLabeler: Recent Progress in Large-scale MeSH Indexing DrugE-Rank: Improving Drug-target Interaction Prediction of New Candidate Drugs or Targets by Ensemble Learning to Rank



Prof Em KANEHISA, Minoru (D Sc)

Appointed as Res (pt) at ICR, 1 April 2012-31 March 2017