

LABORATORIES OF VISITING PROFESSORS

SOLID STATE CHEMISTRY —Structure Analysis—



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Lectures at ICR

Crystal Symmetry and Physical Properties
X-ray Diffraction
Some Thermal Effects in Solids
Structural Phase Transitions
Artificial Structures



Vis Assoc Prof
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Lectures at ICR

Introduction to Solid State Physics: I, II and III
Transport Properties I,II and III
Disorder Induced Metal-Insulator Transition I, II and III

FUNDAMENTAL MATERIAL PROPERTIES —Composite Material—



Vis Prof
KAKUGO
(D Eng)

Professor

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Director and Research Director of Petrochemicals Research Lab. and
Plastic Technical Center of Sumitomo Chemical Co.

Lectures at ICR

History, Trend and Future of Polymer Industry
Recent Progress of Co-ordination Polymerization Catalysts
Metallocene Catalysts
Recent Progress of Polyolefin Production Process
Recent Progress of Plastic Processing Technology
Recent Progress of Precision Polymerization
Recent Progress of Polymer Alloy



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Lectures at ICR

The Wittig Reaction, Peterson Reaction, and the Chemistry of the
Corresponding Reactive Intermediates

SYNTHETIC ORGANIC CHEMISTRY —Synthetic Theory—



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Lecture at ICR

Synthesis of Marine Cyclic Polyethers
Synthetic Studies on Marine Toxins



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Lecture at ICR

Organic Reactions Using Rare Earth Metal: Recent Development