

**The 101st CSJ Annual Meeting
Category of Presentation**

No.	Category	Small Category for Editor
01	Education and History of Chemistry	A History of Chemistry and Chemical Technology
		B Primary and Secondary Education (Practice etc.)
		C Connections between High School and University Education, College and University Education (Practice etc.)
		D Education for Community, Enhancement of Public Appreciation
		E Others
02	Theoretical Chemistry, Chemoinformatics, and Computational Chemistry	A Theory, Informatics, and Computational Methods
		B Structure and Fluctuation
		C Chemical Reaction and Dynamics
		D Property and Functionality
		E Others
03	Physical Chemistry –Structure–	A Gas Phase Spectroscopy
		B Condensed Phase Spectroscopy
		C Magnetic Resonance
		D Surface, Interface
		E Others
04	Physical Chemistry –Properties–	A Gas, Liquids, Solutions, Phase Transition
		B Surfaces, Thin Films, Properties of Nano-Materials
		C Electrical Conductors, Magnetic Materials, Dielectric Materials
		D Photophysical Properties
		E Others
05	Physical Chemistry –Chemical Kinetics and Dynamics–	A Gas Phase Chemical Reaction, Cluster
		B Photochemical Reaction (Liquid, Solid, Surface, and Film)
		C Spin Chemistry, Electron Transfer, Energy Transfer
		D Radiation Chemistry, Electrochemistry, Interface Chemistry
		E Others
06	Analytical Chemistry	A Spectroscopic, X-ray, Mass analysis, Microscopy, Material & Surface, Environmental Chemistry and Geochemistry
		B Chromatography, Electrophoresis, FIA, Micro & Nano Analysis
		C Bioanalysis, Clinical & Forensic Analysis, Food & Drug Analysis
		D Sensor, Electrochemistry, Chemometrics, Reagent, Standardization
		E Others
07	Inorganic Chemistry	A Inorganic Compounds, Solid-State Chemistry
		B Cluster Compounds, Porous Compounds
		C Layered Compounds, Nanosheets
		D Radiochemistry, Nuclear Chemistry, f-Block Elements
		E Others
08	Catalysts and Catalysis	A Interface, Structure/Physical Property/Computational Chemistry, Preparation
		B Acid and Base Catalyst, Porous Materials, Complex/Cluster
		C Photocatalysts, Photocatalysis
		D Hydrogenation/Dehydrogenation, Decomposition/Reforming/Desulfurization, Oxidation, Organic
		E Others
09	Coordination Chemistry, Organometallic Chemistry	A Synthesis
		B Structures and Properties
		C Reactions and Catalysis
		D Others
10	Organic Chemistry –Organometallic Compounds–	A Iron, Ruthenium, Osmium
		B Cobalt, Rhodium, Iridium
		C Nickel, Palladium, Platinum
		D Copper, Silver, Gold
		E Others
11	Organic Chemistry –Structural Organic Chemistry–	A Molecular Structures and Stereochemistry
		B Synthesis and Properties of New π -Conjugating Molecules
		C Synthesis and Properties of New Nanosized Molecules
		D Development of New Functional Molecules
		E Others
12	Organic Chemistry –Organic Crystals, Supramolecular Chemistry–	A Structures and Properties
		B Molecular Recognition, Reactions
		C Electronic and Photophysical Properties
		D Dynamic and Mechanical Behavior
		E Others
13	Organic Chemistry –Reaction Mechanism, Photochemistry, Electrochemistry–	A Reaction Mechanism, Reactive Intermediate, Radical Reaction, Solvent Effect, Theoretical Calculation
		B Organic Photochemistry
		C Organic Electron Transfer Chemistry
		D Others
14	Organic Chemistry –Aromatic, Heterocyclic, and Heteroatom Compounds–	A Aromatic Hydrocarbons
		B Aromatic Heterocycles
		C Non-Aromatic Heterocycles
		D Heteroatom Compounds
		E Others

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15	Organic Chemistry –Aliphatic and Alicyclic Compounds, and New Synthetic Technology–	A Reaction and Synthesis of Aliphatic and Alicyclic Compounds
		B New Synthetic Technology (Immobilizing Technology, Microreactor, Flow Chemistry, Reaction Media, Microwave, etc.)
		C Others
16	Natural Products Chemistry, Chemical Biology	A Fatty Acid Derivatives Including Polyketides, and Polyphenols
		B Terpenoids, Steroids, and Alkaloids
		C Sugars and Amino Acids Including Peptides
		D Chemical Biology, Biomolecules and Related Compounds
		E Others
17	Biofunctional Chemistry, Biotechnology	A Functional Small Molecules, Molecular Recognition, Chemical Biology
		B Nucleic Acids
		C Proteins, Enzymes, Biocatalyzed Reaction
		D Saccharides, Lipids, Biomembrane, Cells, Biotechnology
		E Others
18	Polymer	A Polymer Synthesis and Reactions
		B Structures and Physical Properties of Polymers
		C Functional Polymers
		D Bio-Related Polymers
		E Others
19	Colloid and Interface Chemistry	A Fine Particles and Colloidal Dispersions
		B Molecular Assemblies
		C Organized Films
		D Solid Surfaces and Interfaces
		E Others
20	Materials Chemistry –Basic and Application–	A Organic and Polymer Materials
		B Inorganic and Carbon Materials
		C Bio Materials
		D Composite Materials
		E Others
21	Energy and Related Chemistry, Geo and Space Chemistry	A Energy Conversion Materials and Devices, Photochemistry and/or Electrochemistry
		B Radiochemistry, Nuclear Chemistry, Discharge, Plasma, Ultrasonic
		C High Temperature Chemistry, Combustion, Gunpowder
		D Earth Chemistry, Space Chemistry
		E Others
22	Resources Utilization Chemistry, Environmental and Green Chemistry	A Resource Utilization Chemistry
		B Environmental Chemistry
		C Green Chemistry
		D Photocatalytic Chemistry
		E Others
23	CIP Poster	P1 Energy
		P2 Resources/Environment/Green sustainable chemistry
		P3 New materials
		P4 Electro-communications/Electronics
		P5 Medical care/Health care/Biotechnology
		P6 Featured topic: New developments in organic chemistry