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# Summit: Global Trends in Chemistry and Materials Science

April 22, 2025 | 10:00-17:40 | Riken, Japan

<b>SESSION 1</b> Moderator: Zhaomin Hou Executive Editor, JACS, RIKEN		
10:00-10:20 JST	<b>Opening Remarks &amp; Introduction to RIKEN and ACS Publications</b>	
10:20-11:00 JST	<b>Design, Synthesis, and Implementation of Novel Tools to Probe Biological Questions</b>	<b>Erick Carreira</b> Editor-in-Chief, JACS, ETH Zürich
11:00-11:40 JST	<b>Direct Air Capture of CO<sub>2</sub>: Chemistry &amp; Engineering Combine for Climate Stabilization</b>	<b>Christopher W. Jones</b> Editor-in-Chief, JACS Au Georgia Institute of Technology
11:40-12:20 JST	<b>Liquid Interfaces Make It possible to Manipulate Molecular Machines, Living Cells, and Organic Semiconductors</b>	<b>Katsuhiko Ariga</b> Associate Editor, JACS, NIMS, The University of Tokyo
12:20-13:20 JST	<b>Lunch Break</b>	
<b>SESSION 2</b> Moderator: Katsunori Tanaka RIKEN		
13:20-14:00 JST	<b>Chemistry for Life Science</b>	<b>Mikiko Sodeoka</b> RIKEN
14:00-14:40 JST	<b>Development of Radical Catalysts</b>	<b>Takashi Ooi</b> Associate Editor, JACS Au Nagoya University
14:40-15:20 JST	<b>Toward Unexplored “Carbon” Function</b>	<b>Kenichiro Itami</b> Associate Editor, <i>Precision Chemistry</i> , RIKEN
15:20-15:40 JST	<b>Networking Break</b>	
<b>SESSION 3</b> Moderator: Laurean Ilies, RIKEN		
15:40-16:20 JST	<b>Atom-hybridization for Polymetallic Clusters</b>	<b>Kimihisa Yamamoto</b> Institute of Science Tokyo
16:20-17:00 JST	<b>Degradation of Thermosets: Catalysis and Beyond</b>	<b>Kyoko Nozaki</b> The University of Tokyo
17:00-17:40 JST	<b>New Plastic Materials for a Sustainable Future</b>	<b>Takuzo Aida</b> RIKEN, The University of Tokyo

