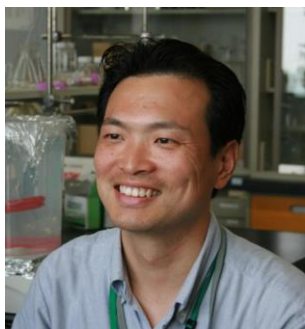


## Self-Introduction of Plenary Speaker for ICBP 2017



Tatsuo KANEKO, PhD

Professor, Dean of Energy and Environment Area, Graduate School of Advanced Science and Technology, Head of Center of High-performance Nature-derived Materials (Excellent core), Japan Advanced Institute of Science and Technology (JAIST).

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Tatsuo Kaneko received a B.S. in the Tokyo Institute of Technology in 1993, and a Ph.D. in Polymer Chemistry from the same university in 1998. One year before received Ph.D., he joined the faculty as an Assistant Professor in the Department of Biology at the Hokkaido University, and moved to Kagoshima University. After Assistant Professors at the Kagoshima University between 2001-2004 and at the Osaka University between 2004-2006, he joined the School of Materials Science at the Japan Advanced Institute of Science and Technology where he was promoted to Associate Professor in 2006 and Full Professor in 2016. He also joined the Bioengineering Department at the University of California, Los Angeles as a Visiting Associate Professor (Lab of Prof. Timothy Deming) in 2012. Current research interests include high-performance soft matters such as gels, liquid crystals, synthetic biopolymers, engineering plastics, and bio-based materials, for which he has won several awards such as The Young Scientists' Prize, The Commendation for Science and Technology by MEXT.

**Presentation title: New phase of bio-based polymers containing “N”**

## CV of Plenary Speaker for ICBP 2017

### Tatsuo Kaneko

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### Education:

Graduated from Tokyo Institute of Technology, Mar. 1993

Master of Science, from Tokyo Institute of Technology, Mar. 1995

Ph. D., from Tokyo Institute of Technology, May. 1998

### Professional Career:

1997- 2001 Assistant Professor, Graduate School of Sciences, Hokkaido University

2001-2004 Assistant Professor, Graduate School of Engineering, Kagoshima University

2004-2006 Assistant Professor, Graduate School of Engineering, Osaka University

2006-2016 Associate Professor, School of Materials Science, Japan Advanced Institute of Science and Technology

2012 Visiting Associate Professor, Department of Biological engineering, University of California, Los Angeles

2012- Vice president of sacran research committee

2015- Head of Center of High-performance Nature-derived Materials (Excellent core), Japan Advanced Institute of Science and Technology

2016- Full Professor, Energy and Environment Area, Graduate School of Advanced Science and Technology, Japan Advanced Institute of Science and Technology

2016- Dean of Energy and Environment Area, Graduate School of Advanced Science and Technology, Japan Advanced Institute of Science and Technology

### Research Interests:

1. Bio-based Polymers
2. Liquid Crystals
3. Soft matters
4. Polysaccharides
5. High-performance polymers
6. Self-assembly

### **Honors and Awards**

1. Young scientist award for outstanding lecture at the 81<sup>st</sup> spring meeting of Chemical Society of Japan (2002)
2. Young scientist award, Sekisui Integrated Research (2 times: 2002, 2005)
3. Young scientist award, The Association for the Progress of New Chemistry (2004)
4. Achievement Award for Research and Education, from JAIST President (2008)
5. The Young Scientists' Prize, The Commendation for Science and Technology by MEXT (2010).
6. Prize by Director of Kyushu Bureau of Economy, Trade and Industry The 4<sup>th</sup> Monodzukuri Nippon Grand Award (2012)
7. Reviewer award for Kakenhi Grant, MEXT (2015)
8. Kakenhi Reviewer award, from JAIST President (2015)
9. Achievement Award for Student Invitation Activity, from JAIST President (2015)
10. Best presentation at the 251<sup>st</sup> ACS National Meeting (2016)

### **Membership**

1. Full Member, Chemical Society of Japan
2. Full Member, American Chemical Society
3. Full Member, Japanese Society of Polymer Sciences
4. Full Member, Japan Society for Bioscience, Biotechnology and Agrochemistry
5. Full Member, The Pharmaceutical Society of Japan
6. Full Member, The Materials Life Society, Japan
7. A member of Research Group on Ecological Materials
8. A member of steering committee, Hokuriku branch of Japanese Society of Chemistry.
9. A member of steering committee, Research Group on Polymer Gels