

# Seiichi Kawahara

Department of Materials Science and Technology, Faculty of Engineering,  
Nagaoka University of Technology  
1603-1 Kamitomioka-cho, Nagaoka, Niigata 940-2188, Japan

## Education:

1988 Bachelor, Faculty of Technology, Tokyo University of Agriculture and Technology  
1992 Doctor, Graduate School of Engineering, Tokyo University of Agriculture and Technology

## Job:

1992 Research Associate, Tokyo University of Agriculture and Technology  
1998 Associate Professor, Nagaoka University of Technology  
(1996-1997 Visiting Scientist, The University of Akron)

## Awards:

2000 Best Paper Award, The Society of Rubber Industry, Japan  
2004 The Award of distinguished research work, The Society of Rheology, Japan  
2006 Best Paper Award, The Society of Rubber Industry, Japan  
2010 Malaysian Rubber Board Service Award  
2010 Best paper award, Journal of Rubber Research  
2012 Wiley Award, The Society of Polymer Science, Japan  
2014 Sparks-Thomas Award, Rubber Division, American Chemical Society  
2015 Science and Technology Award, The Society of Rubber Science and Technology, Japan

## Keywords on Research work

Rubber, Elastomer, Natural Rubber, Rheology, NMR, Characterization,  
Mechanical Properties, Ion Conductivity, Nano-phase separated structure

An expert on natural rubber science and technology, Associate Professor Seiichi Kawahara has spent the last two decades investigating a relationship between structure and properties of natural rubber. He also has a strong interest in control of hierarchical structure of rubbery materials. After receiving his doctorate in Engineering from Tokyo University of Agriculture and Technology in 1992, Kawahara began his career as assistant professor at Tokyo University of Agriculture and Technology, where he made collaborative research works on natural rubber with Dr. Yasuyuki Tanaka. He joined rubber research group of Dr. Alan Gent and Dr. Gray Hamed at Akron University in 1996-1997 as a visiting scientist. Currently, he is associate professor of Nagaoka university of Technology. Kawahara has served on advisory boards for Polymers for Advanced Technology and Journal of Rubber Research. He received the Science and Technology Award in 2015 from the Society of Rubber Science and Technology, Japan, the Sparks-Thomas Award in 2014 from the ACS Rubber Division, USA, the SPSJ Wiley Award in 2011 from the Society of Polymer Science, Japan, the SRJ Research Award in 2004 from the Society of Rheology, Japan.