

Yuichi Masubuchi
CURRICULUM VITAE (Feb. 11. 2011)

Born

November 4, 1968 (age 42)

Education

- B.A. Applied Physics, Nagoya University, March 1992
- M. S. Applied Physics, Nagoya University, March 1994
- Ph. D., Applied Physics, Nagoya University, September 1996

Academic career

- Young scientist research fellow, Japan Society for the Promotion of Science, April 1995-Sept. 1996
- Assistant professor, Department of Materials Science & Engineering, Yamagata University, Oct. 1996-Feb.2001
- Guest researcher, Chemical Engineering, Univ. of Naples, May.1999-Oct.1999
- Assistant professor, Department of Computational Science and Engineering, Nagoya University, Mar. 2001-Mar. 2004
- Associate professor, Department of Organic and Polymer Materials Chemistry, Tokyo University of Agriculture and Technology, Apr. 2004-Mar. 2007
- PRESTO Fellow, Japan Science and Technology Agency, Oct. 2004-Mar. 2008
- Associate professor, Institute for Chemical Research, Kyoto University, Apr. 2007-present (current position)

Research activity

Yuichi Masubuchi got his PhD from Nagoya Univ. in 1996 under direction of Prof. Masao Doi on DNA dynamics. After his PhD he worked in Yamagata Univ. as research associate with Prof. Kiyohito Koyama on polymer rheology until 2001. During his Yamagata period, in 1999 he stayed in Univ. Naples as guest researcher to work with Prof. Giuseppe Marrucci on modelling of rheology. He was promoted to associate professor in Tokyo Univ. Agriculture & Tech. in 2004. In 2007 he moved to Kyoto Univ. and he is currently working with Prof. Hiroshi Watanabe on polymer rheology.

Awards

2005 Encouraging prize from Society of Rheology Japan, 2008 Distinguished serves award from Japan Society of Polymer Processing, 2009 The award of molecular smulation society of Japan, 2010 the best paper award from Society of Rheology Japan

Publications

6 books (in Japanese,), 90 papers (85 in English with 8.6 average citation), 21 reviews (in Japanese) and many conference proceedings. Selected publications are listed below;

1. K. Furuichi, C. Nonomura, Y. Masubuchi and H. Watanabe, "Chain contraction and nonlinear stress damping in primitive chain network simulations", J. Chem. Phys., 133(17), 174902 (2010)
2. H. Sato, Y. Masubuchi and H. Watanabe, "DNA diffusion in aqueous solution in presence of suspended particles", Journal of Polymer Science Part B: Polymer Physics, 47(11), 1103-1111 (2009)
3. S. Ouchi, Y. Masubuchi, H. Shikuma, "The Effect of CO₂ Pressure on Viscoelasticity of LDPE", International Polymer Processing 2008/2, 173-177 (2008).
4. Y. Masubuchi, J. Takimoto, K. Koyama, G. Ianniruberto, F. Greco and G. Marrucci, "Brownian Simulations of a Network of Reptating Primitive Chains", J. Chem. Phys, 115(9), 4387-4394 (2001)
5. Y. Masubuchi, K. Watanabe, W. Nagatake, J. Takimoto and K. Koyama, "Thermal analysis of shear induced crystallization by the shear flow thermal rheometer: isothermal crystallization of polypropylene", Polymer 42, 5023-5027 (2001)

Full list of the English publications with citation number can be found at
<http://www.researcherid.com/rid/C-2231-2008>