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Work Experience

-JSPS (Japan Society for the Promotion of Science) postdoctoral fellow, Tokyo University of Science, Yamazaki, Noda, Japan (April 2008-to date).

-Postdoctoral fellow, Tokyo University of Science, Yamazaki, Noda, Japan (April 2007-March 2008).

-Chemistry lecturer in Kathmandu University, School of Science, Kavre, Dhulikhel, Nepal (1998-2005).

Research Interests

-Phase behavior of surfactants and amphiphilic polymers

-Interfacial properties of surfactants

-Rheology of complex fluids

-Microemulsions and emulsions

Publications

2009

1. **Suraj Chandra Sharma**, Lok Kumar Shrestha, Kenichi Sakai, Hideki Sakai, Masahiko Abe “Viscoelastic Solution of Long Polyoxyethylene Chain Phytosterol/Monoglyceride/Water Systems” *Colloid Polym. Sci.* (Under revision)
2. **Suraj Chandra Sharma**, Lok Kumar Shrestha, Koji Tsuchiya, Kenichi Sakai, Hideki Sakai, Masahiko Abe “Viscoelastic Wormlike Micelles of Long Polyoxyethylene Chain Phytosterol with Lipophilic Nonionic Surfactant in Aqueous Solution” *J. Phys. Chem. B* **2009**, 113, 3043-3050.
3. **Suraj Chandra Sharma**, Rekha Goswami Shrestha, Lok Kumar Shrestha, Kenji Aramaki “Viscoelastic Wormlike Micelles in Mixed Nonionic Fluorocarbon Surfactants and Structural Transition Induced by Oils” *J. Phys. Chem. B* **2009**, 13, 1615-1622.
4. Reiji Miyahara, Yuko Nakanishi, Kei-ichi Maruyama, **Suraj Chandra Sharma**, Masahiko Abe “Development of Novel Multifunctional Cosmetic Raw Materials and Their Applications. IV. The Effect of Structure of Polyoxyethylene/Polyoxypropylene Derivative on the Self-organizing Structures of Surfactants” *J. Oleo Sci.* **2009**, 58, 65-73.
5. Masahiko Abe, Takaaki Koike, Hironori Nishiyama, **Suraj Chandra Sharma**, Kazuyuki Tsubone, Koji Tsuchiya, Kenichi Sakai, Hideki Sakai, Yury A. Shchipunov, Judith Schmidh, Yeshayahu Talmon “Polymerized Assemblies of Cationic Gemini Surfactants in Aqueous Solution” *J. Colloid Interface Sci.* **2009**, 330, 250-253.
6. **Suraj Chandra Sharma**, Koji Tsuchiya, Kenichi Sakai, Hideki Sakai, Masahiko Abe “Viscoelastic Wormlike Micellar Solutions in Mixed Environmentally Friendly Nonionic Surfactant Systems” *Colloids Surf. A* **2009**, 335, 23-27.

2008

1. **Suraj Chandra Sharma**, Rekha Goswami Shrestha, Lok Kumar Shrestha, Kenji Aramaki “Rheological Behavior of Viscoelastic Wormlike Micelles in Mixed Sodium Dodecyl Trioxyethylene Sulfate-Monolaurin Aqueous System” *Colloid Polym. Sci.* **2008**, 286, 1613-1619.
2. **Suraj Chandra Sharma**, Koji Tsuchiya, Kenichi Sakai, Hideki Sakai, Masahiko Abe, Reiji Miyahara “A Narrow Bicontinuous Microemulsion Domain in Mixed Polymeric Silicone Systems” *J. Oleo Sci.* **2008**, 57, 669-673.
3. Lok Kumar Shrestha, Rekha Goswami Shrestha, **Suraj Chandra Sharma**, Kenji Aramaki “Stabilization of Nonaqueous Foam with Lamellar Liquid Crystal Particles in Diglycerol Monolaurate/Olive Oil System” *J. Colloid Interface Sci.* **2008**, 328, 172-179.

4. Kenichi Sakai, Erimi Nakajima, Yuichiro Takamatsu, **Suraj C. Sharma**, Kanjiro Torigoe, Tomokazu Yoshimura, Kunio Esumi, Hideki Sakai, Masahiko Abe “Adsorption of Cationic Monomeric and Gemini Surfactants on Montmorillonite and Adsolubilization of Vitamin E” *J. Oleo Sci.* **2008**, 57, 423-429.
5. Rekha Goswami Shrestha, Lok Kumar Shrestha, **Suraj Chandra Sharma**, Kenji Aramaki “Phase Behavior and Microstructures of Nonionic Fluorocarbon Surfactant in Aqueous Systems” *J. Phys. Chem. B* **2008**, 112, 10520-10527.
6. Masahiko Abe, Kazuyuki Tsubone, Takaaki Koike, Koji Tsuchiya, **Suraj C. Sharma**, Hironori Nishiyama, Kenichi Sakai, Yury A. Shchipunov, Judit Schmidt, Yeshayahu Talmon, Hideki Sakai “Solution Properties of a Polymerizable Cationic Gemini Surfactant” **FATIEPEC CONGRESS 2008** GHENT-Belgium 9-11 June 2008.
7. **Suraj Chandra Sharma**, Koji Tsuchiya, Kenichi Sakai, Hideki Sakai, Masahiko Abe, Shigeyuki Komura, Kazutami Sakamoto, Reiji Miyahara “Formation and Characterization of Microemulsions Containing Polymeric Silicone” *Langmuir* **2008**, 24, 7658-7662.
8. Kanjiro Torigoe, Akihoko Tasaki, Tomokazu Yoshimura, Kenichi Sakai, Kunio Esumi, Yuichiro Takamatsu, **Suraj Chandra Sharma**, Hideki Sakai, Masahiko Abe “Synthesis and Aqueous Solution Properties of PAMAM Dendron Surfactants Bearing a Quaternary Ammonium Focal Group and Sugar Terminal Groups” *Colloids Surf. A* **2008**, 326, 184-190.

2007

1. **Suraj Chandra Sharma**, Carlos Rodríguez-Abreu, Lok Kumar Shrestha, Kenji Aramaki “Oil-Induced Anomalous Thermoresponsive Viscoelasticity in Fluorinated Surfactant Systems” *J. Phys. Chem. B* **2007**, 111, 12146-12153.
2. Lok Kumar Shrestha, **Suraj Chandra Sharma**, Takaaki Sato, Otto Glatter, Kenji Aramaki “Small-Angle-X-ray Scattering (SAXS) Study on Nonionic Fluorinated Micelles in Aqueous System” *J. Colloid Interface Sci.* **2007**, 316, 815-824.
3. **Suraj Chandra Sharma**, Lok Kumar Shrestha, Kenji Aramaki “Foam Stability Study of Dilute Aqueous Nonionic Fluorinated Surfactant Systems” *J. Nepal Chem. Soc.* **2007**, 22, 47-54.
4. **Suraj Chandra Sharma**, Carlos Rodríguez-Abreu, Lok Kumar Shrestha, Kenji Aramaki “Short Haired Wormlike Micelles in Mixed Nonionic Fluorocarbon Surfactants” *J. Colloid Interface Sci.* **2007**, 314, 223-229.

5. Dharmesh Varade, **Suraj Chandra Sharma**, Kenji Aramaki “Viscoelastic Behavior of Surfactants Wormlike Micellar Solution in the Presence of Alkanolamide” *J. Colloid Interface Sci.* **2007**, 313, 680-685.
6. **Suraj Chandra Sharma**, Rekha Goswami Shrestha, Dharmesh Varade, Kenji Aramaki “Rheological Behavior of Gemini-Type Surfactant/Alkanolamide/Water Systems” *Colloids Surf. A* **2007**, 305, 83-88.
7. **Suraj Chandra Sharma**, Durga P. Acharya, Kenji Aramaki “ Viscoelastic Micellar Solutions in a Mixed Nonionic Fluorinated Surfactant System and the Effect of Oils.” *Langmuir* **2007**, 23, 5324-5330.
8. Carlos Rodríguez, **Suraj Chandra Sharma**, Kenji Aramaki “Formation of Lamellar Silica from Lyotropic Liquid Crystals of Dodecyl Benzene Sulfonic Acid” *J. Dispersion Sci. & Technol.* **2007**, 28, 1136-1139.
9. **Suraj Chandra Sharma**, Lok Kumar Shrestha, Kenji Aramaki “Interfacial Properties of Aqueous Nonionic Fluorocarbon Surfactant Solutions” *J. Dispersion Sci. & Technol.* **2007**, 28, 577-581.

2006

1. **Suraj Chandra Sharma**, Durga P. Acharya, Miguel Gracia-Roman, Yasuo Itami, Hironobu Kunieda “Phase Behavior and Surface Tensions of Amphiphilic Fluorinated Random Copolymer Aqueous Solutions” *Colloids Surf. A* **2006**, 280, 140-145.
2. **Suraj Chandra Sharma**, Hironobu Kunieda, Jordi Esquena, Carlos Rodriguez-Abreu “Phase Behavior and Preparation of Mesoporous Silica in Aqueous Mixtures of Fluorinated Surfactant and Hydrophobic Fluorinated Polymer” *J. Colloid Interface Sci.* **2006**, 299, 297-304.
3. Lok Kumar Shrestha, Durga P. Acharya, **Suraj Chandra Sharma**, Kenji Aramaki, Hiroshi Asaoka, Keiichi Ihara, Takeshi Tsunehiro, Hironobu Kunieda “Aqueous Foam Stabilized by Dispersed Surfactant Solid and Lamellar Crystalline Phase.” *J. Colloid Interface Sci.* **2006**, 301, 274-281.
4. Durga P. Acharya, **Suraj Chandra Sharma**, Carlos Rodriguez-Abreu, Kenji Aramaki “Viscoelastic Micellar Solutions in Nonionic Fluorinated Surfactant Systems” *J. Phys. Chem. B* **2006**, 110, 20224-20234.