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Date of Birth: March, 10, 1976
Place of Birth & Citizenship: Fujian, China

Education Attainment:

- 1996 – 1999** Bachelor of Science in Chemistry, *First Class Honours*
Department of Chemistry, The Chinese University of Hong Kong.
- 1999 – 2003** Ph.D in Chemistry, Department of Chemistry, The Chinese University of Hong Kong.
Dissertation title: "Interaction of Polymer Chains in Solution"
Advisor: Professor Chi Wu

Employment History:

- 2012. 01 – present** **Associate Professor**, Department of Chemistry, The Chinese University of Hong Kong, Hong Kong.
- 2008. 1 – 2011. 12** **Assistant Professor**, Department of Chemistry, The Chinese University of Hong Kong, Hong Kong.
- 2006. 1 – 2007. 12** **Research Assistant Professor**, Department of Chemistry, The Chinese University of Hong Kong.
- 2005. 7 – 2005. 12** **Postdoctoral Associate**, Department of Chemistry, University of Minnesota, MN. USA.
Advisor: Professor Timothy Lodge
- 2004. 5 – 2005. 4** **Chemist** in Polymer Division, BASF Aktiengesellschaft, Ludwigshafen, Germany.
- 2003. 5 – 2004. 4.** **Postdoctoral Associate** in Polymer Division, BASF Aktiengesellschaft, Ludwigshafen, Germany
Advisor: Dr. Helmut, Auweter and Dr. Sven-Holger, Behrens

Awards and Recognition:

- 2008** Faculty Exemplary Teaching Award 2008, The Chinese University of Hong Kong.

- 2004** Croucher Fellowship
The Croucher Foundation, Hong Kong.
- 1997** Ko Ho Ning Scholarship
United College, The Chinese University of Hong Kong.
- 1997** United College Endowment Fund Prize
United College, The Chinese University of Hong Kong.

Professional Affiliations:

- 2006 - present** Member of American Chemical Society
Member of ACS Colloids and Surface Science Division
- 2008 - present** Member of Royal Society of Chemistry
- 2011 – 2014** Adjunct Associate Professor, Faculty of Materials Science and Engineering,
South China University of Technology, China
- 2011 – present** Adjunct Professor, Sichuan University, China
- 2012 – 2013** Editorial Board, Soft, Soft Editorial Board, Scientific Research Publishing

Research Interests:

Our research interests center on the physics and chemistry of interfaces through combination of colloid science, polymer chemistry and soft matter physics. We also focus on the developing and applying single-particle force microscopy and microrheology to understand the structures, dynamics and biomolecular interactions of soft materials. Current areas of focus include:

1. Interaction forces between surfaces adsorbed with polymers or biomolecules
2. Microrheology of soft materials and biomaterials
3. Particle-stabilized emulsions – formation and application
4. Interparticle interactions at fluid interfaces
5. Development of orthopaedic implant biomaterials

Peer-Reviewed Publication List (*corresponding author)

2013

57. Xiaoling Wei, Xiangjun Gong* and **To Ngai***, “Investigating Interactions between Cationic Particle and Polyelectrolyte Brushes with the Total Internal Reflection Microscopy (TIRM)”, *Polym. Chem.* **2013**, DOI: 10.1039/C3PY00512G.
56. Xiangjun Gong, and **To Ngai***, “Interactions Between Solid Surfaces with Pre-adsorbed Poly(ethylenimine) (PEI) Layers: Effect of Unadsorbed Free PEI Chains ”, *Langmuir*, **2013**, 29, 5974-5981.
55. Yin Ning, Chaoyang Wang*, **To Ngai***, and Zhen Tong, “Fabrication of Tunable Janus Microspheres with Dual Anisotropy of Porosity and Magnetism”, *Langmuir*, **2013**, 29, 5138-5144.

54. Zhuojun Dai and **To Ngai***, “Microgel Particles: The Structure-Property Relationships and Their Biomedical Applications”, *J. Polym. Sci. Part A: Polym. Chem.* **2013**, *53*, 2995-3003 (Invited review).
 53. Xiangjun Gong, Li Hua, Chi Wu and **To Ngai***, “An Active One-Particle Microrheometer – Incorporating Magnetic Tweezers to Total Internal Reflection Microscopy”, *Rev. Sci. Instrum.* **2013**, *84*, 033702.
 52. Chunfeng Ma, Xiaobo Bi, **To Ngai*** and Guangzhao Zhang*, “Polyurethane-Based Nanoparticles as Stabilizers for Oil-in-Water or Water-in-Oil Pickering Emulsions”, *J. Mater. Chem. A*, **2013**, *1*, 5353-5360.
 51. Jun Li, Weidong, Zhang, Zhijun Hu, Xiong-Jie Jiang, **To Ngai**, Pui-Chi Lo, Wei Zhang, and Gaojian Chen*, “Novel Phthalocyanine and PEG-Methacrylates Based Temperature-Responsive Polymers for Targeted Photodynamic Therapy”, *Polym. Chem.* **2013**, *4*, 782-788.
 50. Zifu Li, and **To Ngai***, “Microgel Particles at the Fluid-Fluid Interfaces”, *Nanoscale* **2013**, *5*, 1399-1410 (Invited review).
 49. Zifu Li, Manda Xiao, Jianfang Wang, and **To Ngai***, “Pure Protein Scaffolds from Pickering High Internal Phase Emulsion Template”, *Macromol. Rapid Commun.* **2013**, *34*, 169-174.
- 2012**
48. Xiaochen Xing, Guanqing Sun, Zifu Li and **To Ngai***, “Stabilization of Colloidal Suspensions: Competing Effects of Nanoparticle Halos and Depletion Mechanism”, *Langmuir*, **2012**, *28*, 16022-16028.
 47. Jianfeng Zhou, Jingjing Wei, **To Ngai**, Li Wang, Dan Zhu*, and Jian Shen, “Correlation between Dielectric/Electric Properties and Cross-Linking/Charge Density Distributions of Thermally Sensitive Spherical PNIPAM Microgels”, *Macromolecules* **2012**, *45*, 6158-6167.
 46. Xiaoling Wei, and **To Ngai***, “Ion-Induced Hydrophobic Collapse of Surface-Confining Polyelectrolyte Brushes Measured by Total Internal Reflection Microscopy”, *Polym. Chem.* **2012**, *3*, 2121-2128.
 45. Yin Ning, Chaoyang Wang*, **To Ngai***, Yu Yang, and Zhen Tong, “Hollow Magnetic Janus Microspheres Templated from Double Pickering Emulsions”, *RSC Adv.*, **2012**, *2*, 5510-5512.
 44. Liangzhi Hong*, Guanqing Sun, Jinge Cai and **To Ngai**, “One-Step Formation of W/O/W Multiple Emulsions Stabilized by Single Amphiphilic Block Copolymers”, *Langmuir* **2012**, *28*, 2332-2336.
 43. Zifu Li, Man-Hin Kwok and **To Ngai***, “Preparation of Responsive Micron-Sized Microgel Particles with A Highly Functionalized Shell”, *Macromol. Rapid Commun.* **2012**, *33*, 419-425.
 42. Zifu Li, Xiaoling Wei, **To Ngai***, “One-Pot Synthesis of Monodisperse Latex Particles with Single-Cavity Structure”, *RSC Adv.*, **2012**, *2*, 1322-1325.

2011

41. Zhihong Bao, Zhenhua Sun, Zifu Li, Linwei Tian, **To Ngai**, and Jianfang Wang*, “Plasmonic Gold-Superparamagnetic Hematite Heterostructure”, *Langmuir* **2011**, *27*, 5071-5075.
 40. Zhuo Ao, Zifu Li, Guangzhao Zhang, **To Ngai***, “Colloidosomes Formation by Controlling the Solvent Extraction from Particle-Stabilized Emulsions”, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* **2011**, *384*: 592-596.
 39. Zifu Li, Xiaoling Wei, **To Ngai***, “Controlled Production of Polymer Microspheres from Microgel-Stabilized High Internal Phase Emulsions”, *Chem Commun.* **2011**, *47*, 331-333. (This article is part of the “*Emerging Investigators*” themed issue for ChemComm).
 38. Zhuojun Dai, **To Ngai***, Chi Wu, “Internal Motions of Linear Chains and Spherical Microgels in Dilute Solution”, *Soft Matter* **2011**, *7*, 4111-4121 (Invited review).
 37. Zifu Li, **To Ngai***, “Stimuli-responsive Gel Emulsions Stabilized by Microgel Particles”, *Colloid Polym Sci* **2011**, *289*, 489-496.
 36. Xingjun Gong, Xiaochen Xing, Xiaoling Wei, **To Ngai***, “Direct Measurement of Weak Depletion Force between Two Surfaces”, *Chinese J. Polym. Sci.* **2011**, *29*, 1-11 (Feature Article).
- 2010**
35. Guanqing Sun, Zifu Li, **To Ngai***, “Inversion of Particle-Stabilized Emulsions to Form High Internal Phase Emulsions”, *Angew. Chem. Int. Ed.* **2010**, *49*, 2163-2166 (Highlighted by Nature China; DOI:10.1038/nchina.2010.35).
 34. Zifu Li, Xiaoling Wei, Tian Ming, Jianfang Wang, **To Ngai*** “Dual Templating Synthesis of Hierarchical Porous Silica Materials with Three Orders of Length Scale”, *Chem Commun.* **2010**, *46*, 8767-8769.
 33. Zifu Li, **To Ngai***, “Macroporous Polymer from Core-Shell Particle-Stabilized Pickering Emulsions”, *Langmuir* **2010**, *26*, 5088-5092.
 32. Aijuan Hu, Yushuang Cui, Xiaoling Wei, Zaijun Lu*, **To Ngai***, “Hydrogen-Bonding-Induced Co-aggregation of Polydimethylsiloxane-graft-polyethene and Poly(acrylic acid)-block-polyacrylonitrile Micelles in Water”, *Langmuir* **2010**, *26*, 14502-14508.
 31. Chun-Ho Wong, Wing-Shong Chan, Chui-Man Lo, Hak-Fun Chow, **To Ngai**, Ka-Wai Wong, “Synthesis and Self Assembling Properties of Rod-Like, 2-Ureido-4-pyrimidinone-Based Main Chain Supramolecular Dendronized Polymers”, *Macromolecules* **2010**, *43*, 8389-8399.
 30. Yi Hou, Changqian Yu, Guangming Liu, **To Ngai**, Guangzhao Zhang*, “Effects of Anions on the Aggregation of Charged Microgels”, *J. Phys. Chem B.* **2010**, *114*, 3799-3803.
 29. Hongwei Xia, Yi Hou, **To Ngai**, Guangzhao Zhang*, “pH Induced DNA Folding at Interface”, *J. Phys. Chem B.* **2010**, *114*, 775-779.

28. Xingjun Gong, Chi Wu, **To Ngai***, “Surface Interaction Forces Mediated by Poly(*N*-isopropylacrylamide) (PNIPAM) Polymers: Effects of Concentration and Temperature”, *Colloid Polym Sci* **2010**, 288, 1167-1172.
27. Junfang Li*, **To Ngai***, Chi Wu, “The Slow Relaxation Mode – from Solutions to Gel Networks”, *Pol. J.* **2010**, 42, 609-625.
26. Rui Deng, Shu Diao, Yanan Yue, **To Ngai**, Chi Wu, Fan Jin*, “Dynamic and Structural Scalings of the Complexation between *p*DNA and *b*PEI in Semidilute and Low-Salt Solutions”, *Biopolymers*, **2010**, 93, 571-577.

2009

25. Zifu Li, Tian Ming, Jianfang Wang, **To Ngai***, “High Internal Phase Emulsions Stabilized Solely by Microgel Particles”, *Angew. Chem. Int. Ed.* **2009**, 48, 8490-8493.
24. Xiaochen Xing, Zifu Li, **To Ngai***, “pH-Controllable Depletion Attraction Induced by Microgel Particles”, *Macromolecules* **2009**, 42, 7271-7274.
23. Zhuo Ao, Zhi Yang, Jianfang Wang, Guangzhao Zhang, **To Ngai***, “Emulsion-Templated Liquid Core-Polymer Shell Microcapsule Formation”, *Langmuir* **2009** 25, 2572-2574.
22. Siu-Yin Cheung, Hak-Fun Chow, **To Ngai**, Xiaoling Wei, “Synthesis of Organometallic Poly(dendrimer)s via Macromonomer Polymerization – Effect of Dendrimer Size and Structural Rigidity on the Polymerization Efficiency”, *Chem. Eur. J.* **2009**, 15, 2278-2288.

2008

21. **To Ngai***, Xiaochen Xing, Fan Jin, “Depletion Attraction between a Polystyrene Particle and a Hydrophilic Surface in a Pluronic Aqueous Solution”, *Langmuir* **2008**, 24, 13912-13917.
20. Fan Jin, Xiangjun Gong, Jing Ye, **To Ngai***, “Direct Measurement of the Nanobubble-induced Weak Depletion Attraction between a Spherical Particle and a Flat Surface in an Aqueous Solution”, *Soft Matter* **2008**, 4, 968-971.
19. Ashish N Gaikwad, Elizabeth R Wood, **To Ngai**, Timothy P Lodge “Two Calorimetric Glass Transitions in Miscible Blends Containing Poly(ethylene oxide)”, *Macromolecules* **2008**, 41, 2502-2508.
18. Liangzhi Hong, Fangming Zhu, Junfang Li, **To Ngai**, Zuowei Xie, Chi Wu “Folding of Long Multiblock Copolymer (PI-*b*-PS-*b*-PI) Chains Prepared by the Self-assembly Assisted Polypolymerization (SAAP) in Cyclohexane” *Macromolecules* **2008**, 41, 2219-2227.

2007

17. Hong Hou, **To Ngai***, Suat Hong Goh, “Self-organization of Double-C₆₀ End-Capped Poly(ethylene oxide) in Chloronaphthalene and Benzene Solvent Mixtures”, *Langmuir* **2007**, 23, 12067-12070.
16. Hong Hou, Fan Jin, **To Ngai***, “Structure and Kinetics of Cluster Decomposition of Polystyrene Star Chains in Dilute Solutions”, *Macromolecules*, **2007** 40, 6796-6798.

2006

15. **To Ngai***, Helmut Auweter, Sven Holger Behrens, “Environmental Responsiveness of Microgel Particles and Particle-Stabilized Emulsions”, *Macromolecules* **2006**, *39*, 8171-8177.

2005

14. **To Ngai**, Chi Wu*, “Double Roles of Stabilization and Destabilization of Initiator Potassium Persulfate in Surfactant-Free Emulsion Polymerization of Styrene under Microwave Irradiation”, *Langmuir* **2005**, *21*, 8520-8525.
13. **To Ngai**, Sven Holger Behrens*, Helmut Auweter, “Novel Emulsions Stabilized by pH and Temperature Sensitive Microgels”, *Chem Commun* **2005**, 331-333.
12. Priscilla, P. S. Lee, **To Ngai**, C. Yang, Chi Wu and Dennis K. P. Ng*, “Synthesis, Characterization, and Degradation of Silicon(IV) Phthalocyanines Conjugated Axially with Poly(sebacic anhydride)”, *J. Polym. Sci. Part A: Polym. Chem.* **2005**, *43*, 837-843.

2004

11. Wei Li, Liangzhi Hong, **To Ngai**, Hai-ying Huang, Tian-bai He, Chi Wu*, “A Comparative Study of Chain Dynamics of Di- and Tri-block Copolymers in Semidilute Solution in a Non-Selective Solvent” *Chinese Journal of Polymer Science* **2004**, *22*, 589-598.
10. **To Ngai**, Chi Wu*, Yun Chen, “Effects of Temperature and Swelling on Chains Dynamics During Sol-Gel Transition”, *Macromolecules* **2004**, *37*, 987-993.
9. **To Ngai**, Chi Wu*, Yun Chen, “Origins of Speckles and Slow Dynamics of Polymer Gels”, *J. Phys. Chem B.* **2004**, *108*, 5532-5540.
8. Chi Wu*, **To Ngai**, “Re-examination of the Slow Relaxation of Polymer Chains in the Sol-Gel Transition”, *Polymer* **2004**, *45*, 1739-1742.

2003

7. **To Ngai**, Chi Wu*, “Effects of Crosslinking on Dynamics of Semidilute Copolymer Solutions: Poly(methyl Methacrylate-co-7-Acryloyloxy-4-Methylcoumarin) in Chloroform”, *Macromolecules* **2003**, *36*, 848-854.
6. Fangming Zhu, To Ngai, Zuowei Xie, Chi Wu*, “Self-assembly Assisted Coupling of End Functional Block Copolymers”, *Macromolecules* **2003**, *36*, 7405-7408.
5. Priscilla P. S. Lee, To Ngai, Jian-Dong Huang, Chi Wu, Wing-Ping Fong and Dennis K. P. Ng*, “Synthesis, Characterization, Biodegradation, and *in vitro* Photodynamic Activities of Silicon(IV) Phthalocyanines Conjugated Axially with Poly(ϵ -caprolactone)”, *Macromolecules* **2003**, *36*, 7527-7533.

2002

4. Zhenyu Sheng, Xiaodong Ye, Zhaoxiong Zheng, Shuqin Yu, Dennis K. P. Ng, **To Ngai**, Chi Wu*, “Transient Adsorption and Fluorescence Studies of Disstacking Phthalocyanine by Poly(ethylene oxide)”, *Macromolecules* **2002**, *35*, 3681-3685.

2001

3. Zhijian Chen, Xi-you Li, **To Ngai**, Chi Wu, and Dennis K. P. Ng*, “Monomerization of Cationic Phthalocyanine in AOT Reversed Micelles”, *Langmuir* **2001**, *17*, 7957-7959.
2. To Ngai, GuangZhao Zhang, Xi-you Li, Dennis K. P. Ng, and Chi Wu*, “Disstacking of Phthalocyanine in Water by Poly(ethylene-oxide)”, *Langmuir* **2001**, *17*, 1381-1384.
2000
1. Wenmin, Zhang*, Chi. Wu, **To Ngai**, Andy. C. W. Lau, “Preparation of High Content Surfactant-Free Narrowly Distributed Macromolecule Nanoparticle Latex”, *Acta Physico-Chimica Sinica* **2000**, *16*, 116-120.

Patents:

- (1) Helmut Auweter, Sven Holger Behrens, **To Ngai**, “Novel Agrochemical Formulations”, **2007**, WO/2007/033931.
- (2) Simon Champ, Sven Holger Behrens, Werner A. Goedel, Mahendra Rane, **To Ngai**, Simon Nord, “Method for Marking Materials.”, **2005**, WO/2005/118,650.
- (3) Sven Holger Behrens, Helmut Auweter, **To Ngai**, “Particle-Stabilized Emulsions”, DE **2004**, 102004035737 (publication only).

Presentations

- (1) T. Ngai, “Exploring interaction forces between solid surfaces adsorbed with polymers”, **invited talk**, 13th Pacific Polymer Conference (PPC-13), Kaohsiung, Taiwan, November 17-22, 2013.
- (2) T. Ngai, “Design, Synthesis and Application of Microgel Particles with Tailored Morphologies”, **invited talk**, Collaborative Conference on Materials Research (CCMR) 2013, Jeju, South Korea, June 24-28, 2013.
- (3) T. Ngai, “Hierarchical Porous Materials Templating from Particle-Stabilized Emulsion”, **invited talk**, Six International Conference on Advanced Materials and Nanotechnology (AMN6), New Zealand, February 11-15, 2013.
- (4) T. Ngai, “Microgel at the Oil-Water Interfaces”, **invited talk**, 2012 年两岸三地高分子液晶态与超分子有序结构学术研讨会湖南, 湘潭 August 26-29, 2012, China
- (5) T. Ngai, “Microgel at the Oil-Water Interfaces”, **invited talk**, Warwick 2012 polymers: MacroGroup UK, International Conference on Polymer Synthesis & UKPCF International Conference on Polymer Colloids, Warwick, UK, July 09-12, 2012.
- (6) T. Ngai, “Microgels at the Oil-Water Interfaces”, oral presentation, International Association of Colloid and Interface Scientists Conference, Sandai, Japan, May 13-18, 2012.
- (7) T. Ngai, “Hierarchical Porous Materials Templating from Particle-Stabilized Emulsion”, oral presentation, 243rd American Chemical Society National Meeting, Division of Colloid and Surface Chemistry (COLL), Fundamental and Applications of Particles at Fluid Interfaces, San Diego, California, March 25-29, 2012.
- (8) T. Ngai, “Microgels at the Oil-Water Interfaces”, **invited talk**, 4th Asian Symposium on Emulsion Polymerization and Functional Polymeric Microspheres, Hong Kong, December 11-14, 2011.
- (9) T. Ngai, “Hierarchical Porous Materials Templating from Nanoparticle-Stabilized Emulsions”, **invited talk**, The 19th Annual International Conference on

- Composites/Nano Engineering (ICCE – 19) ICCE-19 Shanghai, China, July 24-30, 2011.
- (10) T. Ngai, “Functional Materials from Emulsions Stabilized by Stimulus-Responsive Colloidal Particles” poster presentation, Colloids and Materials 2011, The 1st International Symposium on Colloids and Materials: New Scientific Horizons, Amsterdam, The Netherlands, May 8-11, 2011.
 - (11) T. Ngai, “Stimulus-Sensitive Nanoparticles at Liquid Interfaces: Self-Assembly and Stabilizing Properties”, **invited talk**, The 4th International Conference on Electroactive Polymers: Materials and Devices (ICEP-2010), Rajhans Hotel, Delhi, India, November 21-26, 2010.
 - (12) T. Ngai, “Microgel-Stabilized Emulsions for Functional Materials”, **invited talk**, The 11th IUMRS International Conference in Asia, Qingdao, China, September 26-28, 2010.
 - (13) T. Ngai, “Direct Measurement of Weak Depletion Force between Two Surfaces”, **invited talk**, International Symposium on Polymer Physics, Jinan, China, June 6-10, 2010.
 - (14) T. Ngai, “Microgel-Stabilized Emulsions for Functional Materials”, **invited talk**, School of Chemistry and Chemical Engineering, Shandong University, Jinan, China, June 11, 2010.
 - (15) T. Ngai, “Stimulus-Sensitive Particles at Liquid Interfaces: Self-Assembly and Stabilizing Properties”, oral presentation, Particle 2010, Orlando, Florida, USA, May 22-25, 2010.
 - (16) T. Ngai, “Stimulus-Sensitive Particles at Liquid Interfaces: Self-Assembly and Stabilizing Properties”, **invited talk**, Department of Chemistry, Renmin University of China, Beijing, China, December 21, 2009.
 - (17) T. Ngai, “Stimulus-Sensitive Microgel Particles for Emulsion Stability Control”, **invited talk**, State Key Laboratory of Polymer Physics & Chemistry, Institute of Chemistry, Chinese Academy of Sciences, Beijing, China, December 22, 2009.
 - (18) T. Ngai, “Stimulus-Sensitive Microgel Particles for Emulsion Stability Control”, oral presentation, 3rd Asian Symposium on Emulsion Polymerization and Functional Polymeric Microspheres, Jeju, Korea, September 20-23, 2009.
 - (19) T. Ngai, “Direct Measurement of the Nanobubble-Induced Depletion Attraction with Total Internal Reflection Microscopy (TIRM)”, **invited talk**, 13th IACIS International Conference on Surface and Colloid Science and the 83rd ACS Colloid & Surface Science Symposium, New York, USA, June 14-19, 2009.
 - (20) T. Ngai, “Direct Measurement of the Nanobubble-Induced Depletion Attraction between Two Surfaces”, **invited talk**, The 2nd International Symposium on Advanced Particles (ISAP-2009), Keio University, Yokohama, Japan, April 26-29, 2009.
 - (21) T. Ngai, “Direct Measurement of the Nanobubble-Induced Depletion Attraction with Total Internal Reflection Microscopy (TIRM)”, oral presentation, The 42nd IUPAC World Polymer Congress, Macro 2008–Polymers at Frontiers of Science and Technology, Taipei, June 29-July 04, 2008.
 - (22) T. Ngai, “Functionalized Nanoparticles at Liquid Interfaces: Self-Assembly and Stabilizing Properties”, **invited talk**, Department of Chemical Physics, University of Science and Technology of China, Hefei, China, October 15, 2007.
 - (23) T. Ngai, “Laser Light Scattering Studies on the Structures and Kinetics of the Cluster Formation and Decomposition”, **invited talk**, School of Chemistry and Chemical Engineering, ZhongShan (Sun Yat-Sen) University, Guangzhou, China, October, 17, 2007.
 - (24) T. Ngai, “Charged Particles at Liquid Interfaces: Self-Assembly and Stabilizing Properties”, oral presentation, 12th IACIS International Conference on Surface and

- Colloid Science, Beijing, October 21-25, 2006.
- (25) T. Ngai, “Environmental Responsiveness of Microgel Particles and Particle-Stabilized Emulsions”, **invited talk**, School of Chemistry and Chemical Engineering, ZhongShan (Sun Yat-Sen) University, Guangzhou, China, June, 30, 2006.
 - (26) T. Ngai, “What Roles Can Initiator Potassium Persulfate Play in Surfactant-free Emulsion Polymerization of Styrene Under Microwave Irradiation”, poster presentation, BASF AsiaWorkshop 2006 on Nanostructured Surface, Shanghai, May 9-11, 2006.
 - (27) T. Ngai, “Novel Microgel Particles for Emulsion Stability Control”, oral presentation, 42nd Meeting of the German Colloid Society, Aachen, Germany, September 26-28, 2005.
 - (28) T. Ngai, “Stabilization of Novel Emulsions with pH and Temperature Sensitive Nanoparticles”, oral presentation, 19th Conference of the European Colloid and Interface Society, Geilo, Norway, September 18-23, 2005.
 - (29) T. Ngai, “Novel Colloidal Particles for Emulsion Stability Control”, **invited talk**, Juelich Institute, Germany, May 12, 2005.
 - (30) T. Ngai, “Novel Emulsions Stabilized by pH and Temperature Sensitive Microgels”, poster presentation, 13th Ostwald Colloquium, Ludwigshafen, Germany, October 14-15, 2004.
 - (31) T. Ngai, “Disstacking of Phthalocyanine in Water by Poly(ethylene oxide)”, oral presentation, 9th POLYCHAR Conference, University of North Texas (UNT), Denton, January 8-12, 2001.