

Invited Lecture

1. “Hemiacetal Ester Bond in Precision Polymerization: Ring-Expansion Cationic Polymerization and Sequence-Controlled Polymer”
International Symposium on Ionic Polymerization – IP 2017, Durham, UK, 18th, September (2017)
2. “Control of Chain-Growth Addition Polymerizations: Precise Syntheses of Sequence-Controlled Polymers and Cyclic Polymers”
KIPS International Symposium, Kyoto University, 7th September (2017)
3. “Molecular Technology for Precision Polymerization: Sequence-Controlled Polymers and Cyclic Polymers”
RACI 2017, Melbourne, Australia, 27th, July 27 (2017)
4. “Precision Polymer Syntheses: Control of Side-Chain Sequence and Main-Chain Topology”
UH-KU Joint Symposium, Hamburg, German, 7th, June (2017)
5. “Molecular Technology in Precision Polymerization toward New Types of Well-Defined Polymers”
3rd International Symposium on Polymer Ecomaterials (PEM2017), Changchun, China, 4th June (2017)
6. “Designer Molecules in Precision Polymerizations toward Advanced Macromolecular Engineering”
APME 2017, Ghent, Belgium, 24th, May (2017)
7. “Designer Molecules toward Advanced Polymerizations: Control of Sequence and Topology for Vinyl Polymers”
253rd ACS National Meeting & Exposition, San Francisco, USA, 4th April (2017)
8. “Designer Molecules for Precision Polymerization: Control of Monomer Sequence and Construction of Ring-Based Architectures”
Grenoble Alpes University Seminar, Grenoble, France, 30th January (2017)
9. “Designer Molecules for Precision Polymerization: Control of Monomer Sequence and Construction of Ring-Based Architectures”
ESPCI Seminar, Paris, France, 25th January (2017)
10. “Precision Polymerizations with Designer Molecules toward Sequence-Controlled Polymers and Ring-Based Polymers”
Shanghai Jiao Tong University Seminar, Shanghai, China, 25th October (2016)

11. “Ring-Expansion Living Cationic Polymerization: A New Tool to Construct Ring-Based Macromolecular Architectures”
Symposium of Cyclic Polymer, Suzhou, China, 23rd October (2016)
12. 「精密付加重合の新展開:側鎖配列(シークエンス)と主鎖形態(トポロジー)の制御」
第 65 回高分子討論会, 神奈川大学, 2016 年 9 月 16 日
13. “Advanced Precision Polymerizations to Control Monomer Sequence and Chain Topology”
PC2016, Changchun, China, 9th, September (2016)
14. “Strategic Molecular Design to Construct Sequence-Controlled Vinyl Polymers”
252nd ACS National Meeting and Exposition, Philadelphia, USA, 23th August (2016)
15. “Precise Constructions of Ring-Based and Sequence-Controlled Architectures for Vinyl Polymers and Oligomers”
252nd ACS National Meeting and Exposition, Philadelphia, USA, 22nd August (2016)
16. “Macromolecular Technology to Control Side-Chain Sequence and Main-Chain Topology”
US-Japan Seminar, Hokkaido, Japan, 24th, June (2016)
17. “Strategic Molecular Design toward Control of Side-Chain Sequence and Main-Chain Topology for Vinyl Polymers”
University of New Hampshire Seminar, Durham, USA, 13th May (2016)
18. “Control of Side-Chain Sequence and Main-Chain Topology for Vinyl Polymers”
MIT PPSM Seminar, Boston, USA 11th, May (2016)
19. 「ユニークな分子設計で拓く精密重合の新展開」
精密ネットワークポリマー研究会, 東工大蔵前会館, 2016 年 4 月 22 日
20. 「結合を操る精密重合による「配列制御ビニルポリマー」と「環状ビニルポリマーの精密合成」
第 3 回 CUTE シンポジウム: コンピュータ化学「計算科学と実験科学の接点」三重大学, 2016 年 3 月 28 日
21. 「超精密重合: 側鎖配列や主鎖形態の制御を可能にする分子デザイン」
日本化学会 第 96 春季年会 (2016), 同志社大学, 2016 年 3 月 27 日
22. “Advanced Precision Polymerization with Designer Bonds: Sequence-Controlled

- and Ring-Based Vinyl Polymers”
Japan-Germany- Workshop on “Molecular Technology”, Berlin, Germany, 18th March (2016)
23. “Sequence-Controlled and Ring-Based Vinyl Polymers”
Humboldt-Universität zu Berlin Seminar, Berlin, Germany, 17th March (2016)
 24. 「ビニルポリマーの配列制御：結合を操る分子デザイン」
野口遵研究助成 講演会，如水会館（東京都），2016年3月11日
 25. 「結合を操る精密重合：側鎖配列・主鎖形態の制御と機能」
第二回 JACI さきがけ交流会，新化学技術推進協会（東京都），2016年1月12日
 26. “Control of Sequence for Vinyl Copolymers Using Bond Manipulation”
Pacifichem 2015, Hawaii, USA, 18th, December (2015)
 27. “Design of Catalysts for Sustainable and Precision Syntheses of Functional Polymers”
Pacifichem 2015, Hawaii, USA, 16th, December (2015)
 28. “Control of Sequence and Chain Topology for Vinyl Polymers”
ICON²-2015, Synchrotron SOLEIL, France, 9th, September (2015)
 29. “New Type of Well-Defined Vinyl Polymers: Control of Sequence and Topology”
Institut Charles Sadron Seminar, Strasbourg, France, 8th, September (2015)
 30. 「結合を操る精密重合：側鎖配列と主鎖形態の制御の新展開」
近大分子研講演会 “機能性高分子の設計”，飯塚市，福岡，2015年8月8日
 31. 「精密付加重合の新展開：側鎖配列と主鎖形態の制御」
日立製作所セミナー，日立市，2015年7月29日
 32. 「精密重合の新展開：側鎖配列と主鎖形態の制御」
福井大学セミナー，福井県，2015年7月26日
 33. “Advanced Precision Polymerization via Bond Manipulation: Control of Sequence and Topology”
University of Paris Est Seminar, Thiais, France, 3rd, July (2015)
 34. “Control of Sequence and Topology for Synthetic Polymers”
Kyoto Bordeaux Symposium, Kyoto University, 23rd May (2015)
 35. 「結合を操って構築する創造性分子鎖：位置・配列・形態の制御による機能創出」

日本化学会 第 95 春季年会 (2015) , 日本大学 船橋キャンパス, 2015 年 3 月 27 日

36. “Control of Sequence and Topology for Vinyl Polymers”
National Cheng Kung University Seminar, Tainan, Taiwan, 17th March (2015)
37. “New Type of Well-Defined Macromolecular Architectures: Ring-Based and Sequence-Controlled Polymers”
ESPCI Seminar, Paris, France, 10th March (2015)
38. ““Molecular Technology” in Precision Polymerization toward Control of Sequence and Topology”
Franco-Japanese ANR-JST symposium on Molecular Technology, Paris, France, 9th March (2015)
39. “Precise Syntheses of Sequence-Controlled Polymers and Ring-Based Polymers via Creative Molecular Design”
C2P2 Laboratory Seminar, Lyon, France, 6th March (2015)
40. 「連鎖重合のシーケンス制御に挑む分子設計」
高分子分析研究懇談会, 京都リサーチパーク, 京都, 2014 年 9 月 10 日
41. 「特異結合を組み込んだ精密重合: 機能性基の位置・配列制御と鎖形態の制御」
高分子四国講演会, 愛媛大学, 松山市, 2014 年 9 月 4 日
42. “Control of Position, Sequence and Topology for Vinyl Polymers”
The 15th IUMRS-International Conference in Asia (IUMRS-ICA 2014), Fukuoka University, Fukuoka, 27th August (2014)
43. 「ビニルアルコール系ポリマー鎖の構築: 互変異性・形態・配列の制御」
積水化学工業株式会社 水無瀬研究所, 大阪, 2014 年 5 月 15 日
44. 「結合を操って究める精密重合: 合成高分子の新境地に向けて」
第三回 次世代の物質科学・ナノサイエンスを探る, 北海道大学, 札幌, 2014 年 1 月 10 日
45. “Next-Generation Precision Polymerizations: Precise Control of Position, Sequence, and Topology for Polymer Chains”
KIPS-ESPCI 2013 Meeting in Paris, Paris, France, 28th November (2015)
46. “Advanced Precision Polymerizations: Control of Position, Sequence, and Topology for Vinyl Polymers”

- The 1st ETH-Kyoto Symposium, ETH, Switzerland, 22nd November (2015)
47. 「結合を操る精密連鎖重合：困難を可能にする分子技術」
積水化学 IM 研究会, 京都, 2013 年 11 月 13 日
 48. “New Developments on Precision Chain-Growth Polymerizations: Control of Position, Sequence, and Topology”
Henkel Corporation, Seminar, Rocky Hill, USA, 12th September (2013)
 49. “Sequence-Controlled Vinyl Polymers by Chain Growth Control of Radical Species”
246th ACS National Meeting, Indianapolis, USA, 8th September (2013)
 50. Aqueous Metal-Catalyzed Living Radical Polymerization: Highly Active Water-Assisted Catalysis
第 62 回高分子年次大会, 京都国際会議場, 2013 年 5 月 30 日
 51. 「精密重合の未踏領域「配列制御」に挑む分子デザイン」
高分子学会東北支部会員増強講演会「高分子科学によるナノ加工技術の最前線」, 東北大学, 仙台, 2013 年 2 月 22 日
 52. 「生体高分子に迫る高度精密重合:シーケンス制御に向けた分子設計」
平成 24 年度北陸地区高分子若手研究会, すかつとランド九頭竜, 福井, 2012 年 11 月 16 日
 53. “Sequence-Next Structural Factor in Synthetic Polymers for Advanced Functions”
Kyoto DSA Workshop, Kyoto University, Kyoto, 1st November (2012)
 54. “Sequence-Programmed Radical Polymerization with Designer Template Molecules”
ETH Seminar, ETH, Switzerland, 6th July (2012)
 55. “Precision Synthesis of Sequence-Controlled Polymer Chains”
Asian International Symposium (Polymer), 93rd Annual Meeting Chemical Society of Japan, Ritsumeikan University, Shiga, Japan 24th March (2012)
 56. “Advanced Precision Radical Polymerizations via Molecular Design for Monomer, Initiator, and Catalyst”
Presentation in Beijing University Seminar, Beijing, China, 12nd March (2012)
 57. “Catalytic Precision Radical Polymerization: Development of Highly Active Catalyst and Sequence-Controlled System”
KIPS-ESPCI Workshop on Polymer Science 2011, Kyoto University, Kyoto, 28th November (2011)

58. 「金属触媒精密ラジカル重合：触媒高活性化とモノマー配列制御に向けた分子デザイン」
第 57 回高分子研究会（神戸），神戸，2011 年 7 月 15 日
59. “Advanced Catalysis in Metal-Catalyzed Living Radical Polymerization: High Catalytic Activity for Functional Monomers and Rising Active Iron Catalysts”
240th ACS National Meeting, Boston, USA, 22th August (2010)