

## Seul Bee Lee

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- AFFILIATION Department of Mathematical Sciences, **Seoul National University**, South Korea.
- POSITION Ph. D. Student
- ADDRESS 27-429, Department of Mathematical Sciences, Seoul National University, GwanAkRo 1, Gwanak-Gu, Seoul 08826, South Korea
- EMAIL seulbee.lee(at)snu.ac.kr
- EDUCATION **Seoul National University**, South Korea.  
M.S, Mathematics, August, 2013.  
  - Thesis Title: *Colorings of regular trees with linear subword complexity: First examples and properties*
  - Advisor: Seonhee Lim**University Of Seoul**, South Korea.  
B.S., Mathematics, February, 2011.
- RESEARCH INTERESTS Dynamics, number theory and geometric group theory
- PUBLICATIONS & PREPRINTS
1. Quasi-Sturmian colorings on regular trees, (with Dong Han Kim, Seonhee Lim, Deokwon Sim), *Ergod. Th. & Dynam. Sys.* (published online on 9 August 2019)
  2. Colorings of trees with linear, intermediate and exponential subball complexity, (with Seonhee Lim), *J. Korean Math. Soc.* Vol. 52, No. 6, 1123-1137 (November 2015).
- PRESENTATIONS
- Inaugural France-Korea Conference on Algebraic Geometry, Number Theory, and Partial Differential Equations, Institute of Mathematics, University of Bordeaux, Bordeaux, France (November 20, 2019)
  - 2019 KMS Annual Meeting, KMS, Hongik University, Seoul, Korea (October 26, 2019)
  - Number Theory and Dynamics, Manhae Maul (Village), Inje-gun, Gangwon-do, Korea (July 16, 2019)
  - Women in Geometry and Topology, IBS-CGP, POSTECH, Pohang, Korea (June 26, 2019)
  - 2019 KMS Spring Meeting, KMS, Kangwon National University, Chuncheon, Korea (April 20, 2019)
  - Arbeitsgemeinschaft on Rigidity of stationary measures, MFO, Oberwolfach, Germany (October 8, 2018)

CONFERENCE  
ATTENDED

- 2018 Joint Meeting of the Korean Mathematical Society and the German Mathematical Society, Contributed talk on Discrete Mathematics, COEX, Seoul, Korea (October 4, 2018)
- 제5회 국가수리과학연구소 산업수학 아카데미(5th Industrial mathematics academy), ICIM, Gyeonggi, Korea (August 19 - 23, 2019)
- Number Theory and Dynamics, Manhae Maul (Village), Inje-gun, Gangwon-do, Korea (July 15-19, 2019)
- 2019년도 의료 수학 모델링 여름학교(2019 Summer school for mathematical modeling in life and medical sciences), ICIM, Daejeon, Korea (July 2 - 4, 2019)
- Women in Geometry and Topology, IBS-CGP, POSTECH, Pohang, Korea (June 24 - 28, 2019)
- 2019년 1st 산업수학 모더레이터 역량강화 프로그램(2019, 1st Industrial mathematics program), ICIM, Gyeonggi, Korea (April 24 - 26, 2019)
- Equidistribution: Arithmetic, Computational and Probabilistic Aspects, IMS, National University of Singapore, Singapore (April 29 - May 3, 2019)
- 2019 KMS Spring Meeting, KMS, Kangwon National University, Chuncheon, Korea (April 19 - 20, 2019)
- Diophantine Analysis and Related Fields 2019, University of Tsukuba, Ibaraki, Japan (March 7 - 9, 2019)
- Workshop on Ergodic theory and related fields, POSTECH, Pohang, Korea (February 21-22, 2019)
- Mathematical modeling in medial sciences: theory, computation, and challenges, ICONS, Yonsei University, Seoul, Korea (December 8, 2018)
- One-day Workshop on Dynamics, Geometry and Groups, Sungkyunkwan University, Suwon, Korea (December 5, 2018)
- 2018년 2nd 산업수학 후속세대 양성 프로그램 - 수학기반 데이터 분석 기법 강연 및 산업문제 해결(2018, 2nd Industrial mathematics program), ICIM, Gyeonggi, Korea (August 20 - 24, 2018)
- Arbeitsgemeinschaft on Rigidity of stationary measures, MFO, Oberwolfach, Germany (October 8-12, 2018)
- 2018 Joint Meeting of KMS and DMV, KMS-DMV, Seoul, Korea (October 3-6)
- Geometric and Asymptotic Group Theory with Applications, KIAS, Seoul, Korea (July 15 - 20, 2018)
- Teichmüller Dynamics, Mapping Class Groups and Applications, Institut Fourier, Grenoble, France (June 11-29, 2018)
- Workshop for young dynamists, KIAS, Seoul, Korea (December 18-20, 2017)
- KIAS research station, Incheon, Korea (June 19-23, 2017)
- Workshop on Number Theory and Homogeneous dynamics, Jeju, Korea (June 17, 2017)
- Geometric Topology Fair, KAIST, Daejeon, Korea (May 11-12, 2017)
- KIAS Summer School on Homogeneous Dynamics, KIAS, Seoul (July 2-6, 2013)
- The 10th Kaist Geometric Topology Fair, Kaist, Korea (August 13-17, 2012)

