

**Speaker:** Seungro Joo

**Title:** On the characterization of domains in  $\mathbb{C}^2$  with a noncompact automorphism group.

**Abstract:** In 2009, K.Verma classified some category of domains in  $\mathbb{C}^2$  with a noncompact automorphism group. The main theorem in his paper says that the classification depends on its dimension of automorphism group. In this talk, I will introduce D'angelo's finite type and Verma's result with some examples.

## References

- [1] K. Verma, A characterization of domains in  $\mathbb{C}^2$  with noncompact automorphism group., Math. Ann. **344**(2009), 645-705.