

Workshop on the ramification theory for varieties over a local field (II)

Tencent Meeting: 777-5318-1470

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In these series of workshops, we aim to study the conductor formula for constructible sheaves on regular schemes over local rings.

2023/02/09	09:00-10:00	Xiaowen Hu: Log blow-up and log product 1
	10:15-11:15	Xiaowen Hu: Log blow-up and log product 2
	13:00-14:00	Fangzhou Jin: Lefschetz trace formula for open varieties 1
	14:15-15:15	Fangzhou Jin: Lefschetz trace formula for open varieties 2
	15:30-16:30	Enlin Yang: Intersection product with log diagonal 1
	16:45-17:45	Enlin Yang: Intersection product with log diagonal 2
2023/02/10	09:00-10:00	Yigeng Zhao: Brauer theory and Euler-Poincare characteristic 1
	10:15-11:15	Yigeng Zhao: Brauer theory and Euler-Poincare characteristic 2
	13:00-14:00	Peng Sun: Swan class and Euler characteristic 1
	14:15-15:15	Peng Sun: Swan class and Euler characteristic 2

Reference:

- [1] L. Illusie, Theorie de Brauer et caractéristique d'Euler-Poincare d'après P.Deligne, Asterisque, 82-83 (1981):161-172.
- [2] S. Bloch, Cycles on arithmetic schemes and Euler characteristics of curves, Proc. Sympos. Pure Math. 46 (1987):421-450.
- [3] K.Kato and T.Saito, On the conductor formula of Bloch, Publ.Math.IHES, 100(2005):5-151.
- [4] K.Kato and T. Saito, Ramification theory for varieties over a perfect field, Annals of Mathematics, 168(2008):33-96.