

Workshop “Group schemes and related topics”

Program 23-27/9/2024

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning					
10:00-12:00	Lecture 2.1	Lecture 1.2		Lecture 4.2	Lecture 4.3
10:30-12:30			Lecture 2.3		
12:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon					
14:00-16:00	Lecture 1.1	Lecture 2.2	Lecture 4.1	Lecture 1.4	Lecture 2.4
16:00-18:00	Lecture 3.1	Lecture 3.2	Lecture 1.3	Lecture 3.3	Lecture 3.4
18:00-20:00					Banquet

1. Reductive groups

- 1.1. Connected reductive group and root datum: Phạm Khoa Bằng
- 1.2. The uniqueness theorem: Phạm Thanh Tâm
- 1.3. The existence theorem: Đào Phương Bắc
- 1.4. Classification of almost simple (quasi-simple) group: Nguyễn Đình Vũ

2. Abelian varieties

- 2.1. Complex tori and abelian varieties: Võ Anh Đức
- 2.2. Line bundles and dual abelian varieties in characteristic 0: Phạm Ngô Thành Đạt
- 2.3. Dual abelian varieties in characteristics p : Phùng Hồ Hải
- 2.4. Jacobian variety: Nguyễn Quang Khải

3. Inverse Galois theory

- 3.1. Elementary examples in low degrees, and the Scholz-Reichardt theorem: Nguyễn Duy Tân
- 3.2. Hilbert property: Nguyễn Mạnh Linh
- 3.3. Galois extensions of $\mathbb{Q}(T)$: Đặng Quốc Huy
- 3.4. Embedding problems: Đào Văn Thịnh

4. Invariant theory:

- 4.1. Equivariant Modules, Sheaves and Duality: M. Hashimoto
- 4.2. Good filtrations, Steinberg modules, and F -regularity: M. Hashimoto
- 4.3. Almost principal bundles: M. Hashimoto