Representations of p-adic reductive groups
Syllabus.

1. **Structure of p-adic fields and their extensions.**

2. **Structure of the Galois groups of finite extensions.**

3. **Galois groups of infinite extensions.**

4. **Weil groups $W(F)$.**

5. **Class field theory.**

6. **Basic facts about representations of the groups $GL(n, F)$.**

7. **Local Langlands' correspondence (first approximation).**

8. **Weil-Deligne group $W'(F)$.**

9. **L-functions and ε-functions. Tate's thesis. Artin L-functions.**

10. **LLC -second approximation. Relation to Artin conjecture.**

11. **L and ε functions for pairs. LLC - third approximation.**

12. **Structure of reductive groups. Root systems. Dual groups.**

13. **LLC for reductive groups - fourth approximation.**