# Winter School on Representation Theory of Real Reductive Groups

Graduate School of Mathematical Sciences , the University of Tokyo

#### February 15 (Sat) Room 122

13:00--14:00 P. Trapa

Unitary Representations of Reductive Lie Groups. I

14:30--15:30 L. Barchini

Invariants attached to Harish-Chandra modules. I.

16:30--17:30 F. Januszewski

Algebraic Characters of Harish-Chandra modules and applications to branching problems 1. Motivation and general definition

### February 16 (Sun) Room 122

13:00--14:00 L. Barchini

Invariants attached to Harish-Chandra modules. II

14:30--15:30 P. Trapa

Unitary Representations of Reductive Lie Groups. II

16:30--17:30 F. Januszewski

Algebraic Characters of Harish-Chandra modules and applications to branching problems. 2. fundamental properties of algebraic characters

## February 17 (Mon) Room 122

9:00--10:00 P. Trapa
Unitary Representations of Reductive Lie Groups. III

10:30--11:30 F. Januszewski

Algebraic Characters of Harish-Chandra modules and applications to branching problems. 3. applications to branching problems

## February 18 (Tue) Room 126

9:00--10:00 P. Trapa
Unitary Representations of Reductive Lie Groups. IV

10:30--11:30 L. Barchini
Invariants attached to Harish-Chandra modules. III