

SCMS Seminar



p -ADIC COHOMOLOGY OF THE COVERINGS OF DRINFELD HALF-PLANE.

Prof. Wiesława Nizioł
ENS Lyon

Abstract: We will compute the p -adic geometric ℓ -adic cohomology of the coverings of Drinfeld half-plane, and we will show that, if the base field is \mathbb{Q}_p , this cohomology encodes the p -adic local Langlands correspondence for 2-dimensional de Rham representations (of weight 0 and 1). This is a joint work with Pierre Colmez and Gabriel Dospinescu.

Venue: Room 2201, East Main Guanghua Tower, Handan Campus

Time:

Lecture 1: 10:00-11:30, 1:30-3:00 pm., Thursday, Sept. 22nd, 2016

Lecture 2: 10:00-11:30, 1:30-3:00 pm., Thursday, Sept. 29th, 2016

Lecture 3: 10:00-11:30, 1:30-3:00 pm., Thursday, Oct. 13th, 2016

Lecture 4: 10:00-11:30, 1:30-3:00 pm., Thursday, Oct. 20th, 2016

Lecture 5: 10:00-11:30, 1:30-3:00 pm., Thursday, Oct. 27th, 2016

Lecture 6: 10:00-11:30, 1:30-3:00 pm., Thursday, Nov. 3rd, 2016