



### **Distinguished series of lectures**

- Name: Vinayak Vatsal (University of British Columbia, Canada)
- Title : Iwasawa theory and deformation theory of Artin representations
- Abstract: In this series of four lectures I will discuss the Iwasawa theory and deformation theory of Artin, starting with the work of Greenberg in the 1990, the work of Greenberg-Vatsal some years later, and the subsequent advances of Bellaïche, Dimitrov, and Betina. Special emphasis will be placed on the role of global units, and the relationship with Stark-type conjectures. If time permits, I will discuss recent work of Betina and Pozzi.
- Date and place The venue will be at UB's historical building at Placa Universitat. On March 4, 11 and 18, it will take place at room T1. On March 25 at room S1.

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