



# A PROOF OF THE $P=W$ CONJECTURE

**5 - 6 December 2022**

IGAP/IFPU Seminar room  
 Room 205, New SISSA Building  
 Via Beirut 2, Trieste

## Special Guests

**Prof. Tamas Hausel**  
 (IST, Austria)

**Prof. Anton Mellit**  
 (Univ. of Vienna)

**Monday 05 December 2022**

**10:00 - 11:00**

(lecture 1) *Prof. T. Hausel*

Introduction to  $P=W$  and mirror symmetry.

**Monday 05 December 2022**

**14:00 - 15:00**

(lecture 1) *Prof. A. Mellit*

$P=W$  via  $H_2$  (part I).

**Tuesday 06 December 2022**

**14:00 - 15:00**

(lecture 2) *Prof. T. Hausel*

Mirror symmetry and big algebras.

**Tuesday 06 December 2022**

**10:00 - 11:00**

(lecture 2) *Prof. A. Mellit*

$P=W$  via  $H_2$  (part II).