



**UNIVERSIDAD NACIONAL MAYOR DE SAN MARCOS**

(Universidad del Perú, Decana de América)

**FACULTAD DE CIENCIAS MATEMÁTICAS**

**Escuela Profesional de Matemática**

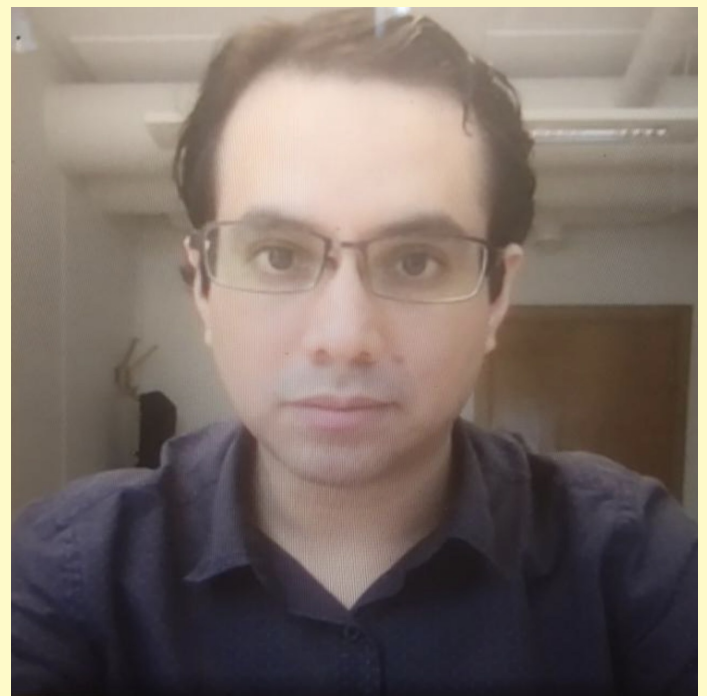
## **SEMINARIOS EN MATEMÁTICAS**

# **Some extremal problems in Fourier analysis**

**In this talk, we will discuss several extremal problems in which the Fourier transform plays a fundamental role. These problems are useful for obtaining explicit bounds for certain inequalities in analytic number theory. In this way, we will see the beautiful connection between Fourier analysis and number theory.**

### **Ponente**

**Dr. Andrés Chirre Chávez**  
**Pontificia Universidad Católica del Perú**  
**PUCP**



**Fecha : 06/05/2025**

**Hora : 4 pm**

**Lugar : Auditorio de la  
FCM-UNMSM**