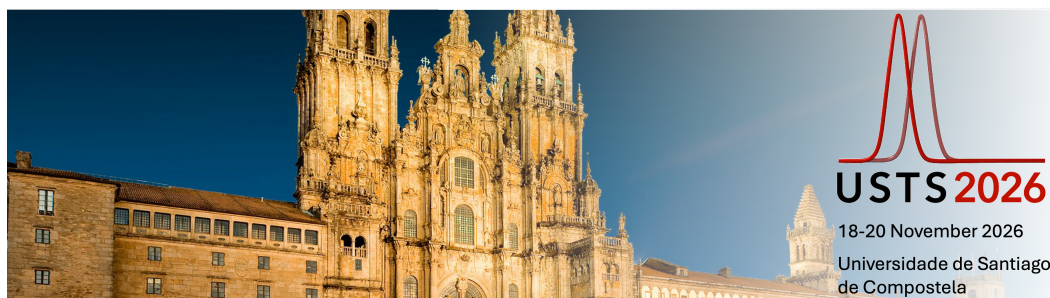


## **Session Program**

**18-20 Nov 2026**



# **Ultrafast Science & Technology Spain 2026 – USTS 2026**

## ***Poster + Coffee***

□ IGFAE, Santiago de Compostela  
Rúa de Xoaquín Díaz de Rábago, 15705 Santiago de Compostela, A Coruña

# Wednesday 18 November

16:30

## Poster + Coffee: Poster session 1

**Session** |

**Location:** IGFAE, Santiago de Compostela, Rúa de Xoaquín Díaz de Rábago, 15705 Santiago de Compostela, A Coruña

16:30–17:30

### **Solution-State Assembly Dictates Excitonic Coupling and Function in Semiconducting Polymer Nanoparticles**

**Speaker**

Aitana Hurtado Mendoza

16:30–17:30

### **Nanosecond-Laser Photoacoustic Generation of Ultrasound for Probing Periodic Stainless-Steel Cylinder Arrays**

**Speaker**

ILIANA HERNANDEZ CRUZ

16:30–17:30

### **Resonance-enhanced above-threshold ionization of ammonia under strong fields**

**Speaker**

Ignacio M. Casasús

16:30–17:30

### **Millijoule laser source delivering few-cycle, 3 $\mu\text{m}$ pulses driven by an industrial Yb system**

**Speaker**

Gonçalo Vaz

16:30–17:30

### **Femtosecond laser processing of biopolymers to foster cell-substrate cues**

**Speaker**

Yago Radziunas Salinas

16:30–17:30

### **Laser-induced dynamics with newly extended multiple spawning approaches on CO<sub>2</sub>**

**Speaker**

Rodrigo González Fuentes

16:30–17:30

### **Plasmon-Exciton Interaction Induced Efficient Charge Separation in Cu<sub>2</sub>-xS-CsPbBr<sub>3</sub> Heterostructure**

**Speaker**

Nitika \*

16:30–17:30

### **Design of helical structures for the manipulation of laser-accelerated ion beams**

**Speaker**

Judith Reyes Martín

16:30–17:30

**Passive detector-based X-ray spectromete****Speaker**

Judah Amir Rentería Lampaya

16:30–17:30

**Direct Observation of Ultrafast Charge Transfer and Relaxation in exTTF-Based Dyads****Speaker**

Alejandro Serrano Capote

16:30–17:30

**Role of A-Site Cation Size on Carrier Dynamics and Bulk-Phase Formation in Quasi-2D Halide Perovskites****Speaker**

AKANSHA VERMA

16:30–17:30

**Thermodynamic approach to ultrafast phase transitions****Speaker**

Shreya Bagchi

16:30–17:30

**Bimolecular process in bidimensional NiPS3****Speaker**

Sebastián Mesa Apestegui

16:30–17:30

**Coherent propagation of Laser Induced Periodic Surface Structures (LIPSS) by ad-hoc doping of ZnO films****Speaker**

Mr Gonzalo Gomez-Munoz

16:30–17:30

**Laser fabrication of vibrating microcavities on silicon: dynamic and static study****Speaker**

Belén Valiente Pascual

16:30–17:30

**Protein-Chromophore Biohybrids for Tunable Delayed Emission****Speaker**

Mr Adhil Kabeer K

16:30–17:30

**Femtosecond Laser Engineering of Tunable Structural and Interferential Colouring in Ag-Based Nanocomposites****Speaker**

Alka Philip

16:30–17:30

**Femtosecond imaging of the CH<sub>2</sub>Cl radical photodissociation****Speaker**

Mr Alberto Sanz Verdejo

16:30–17:30

**Chirp-Dependent Control of Low-Frequency Vibronic Dynamics in High-Performance Donor Polymers for Organic Solar Cells**

**Speaker**

Shahriar Mohammadi

16:30–17:30

**Coherent Bound-State Wavepacket Dynamics in Anisole Revealed by UV-XUV Time-Resolved Photoelectron Spectroscopy**

**Speaker**

Kushal Shaw

17:30