

# The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)



**Monday, 27 June 2022 - Saturday, 2 July 2022**

**University of Ioannina (GR)**

## **Scientific Programme**

## **SUSY: Phenomenology and Experiment**

**Supersymmetry: Models, Phenomenology and Experimental Results**

**Searches for the BSM Physics at the LHC and Future Hadronic Colliders**

**New Tools in New Physics Searches**

**Lepton Colliders**

## **Higgs theory and experiment**

**Electroweak, Top quark, and Higgs Physics**

## **SUSY and String models**

**Split SUSY and High-Scale SUSY**

**Grand Unified Theories**

**Formal SUSY Theories**

**New Developments in String Theory**

**New Developments in Quantum Field Theory**

## **Particle cosmology: Theory and Experiment**

**Early Universe Cosmology**

## **Dark Matter and Astroparticle Physics**

### **Gravitational Waves as Probes for New Physics**

## **Flavour physics: Theory and Experiment**

### **Flavor Physics and CP Violation**

### **Neutrino Physics and Leptons**

## **Alternative theories to SUSY**

### **Axion Physics and Experiments**

### **Theories of New Strong Dynamics**

## **Gravity and Supergravity**

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