

| | |
|--------------|---|
| Course Title | EXPERIMENTAL TECHNIQUES IN ASTROPARTICLE PHYSICS |
| Instructor | Giovanni Marsella |
| N of hours | 16 |
| Description | Description of the principal experimental techniques in Astroparticle Physics |
| contents | <ul style="list-style-type: none"> • Introduction to Cosmic Ray (CR) sources • Primary CRs, acceleration mechanism, propagation • Secondary CRs, atmospheric showers • Detection techniques in Space, Extensive Air Shower arrays and underground detectors • Presentation of the principal experiments and recent results |