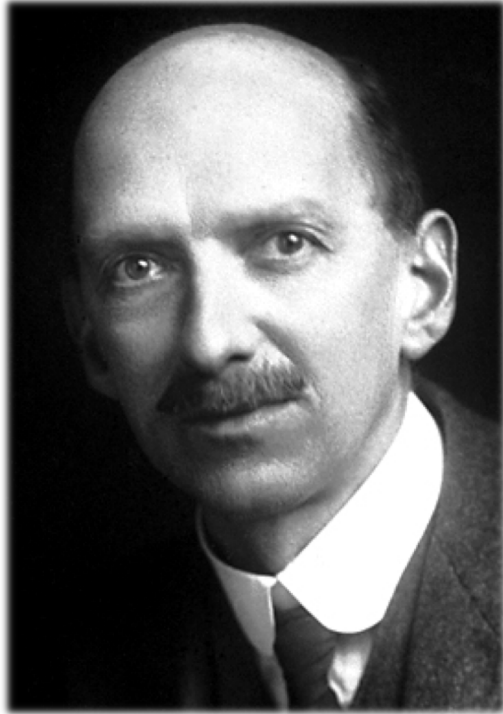




Istituto Nazionale di Fisica Nucleare

CLOUD CHAMBER WORKSHOP



[Charles Thomson Rees Wilson](#) (1869–1959)

Scoperta del positrone 1932 C. Anderson

Scoperta del muone 1936, C. Anderson



Charles Thomson Rees Wilson (1869–1959)

Scoperta del positrone 1932 C. Anderson

Scoperta del muone 1936, C. Anderson

The Nobel Prize in Physics 1927

Arthur Holly Compton

"for his discovery of the effect named after him"

Charles Thomson Rees Wilson

"for his method of making the paths of electrically charged particles visible by condensation of vapour"

The Nobel Prize in Physics 1936

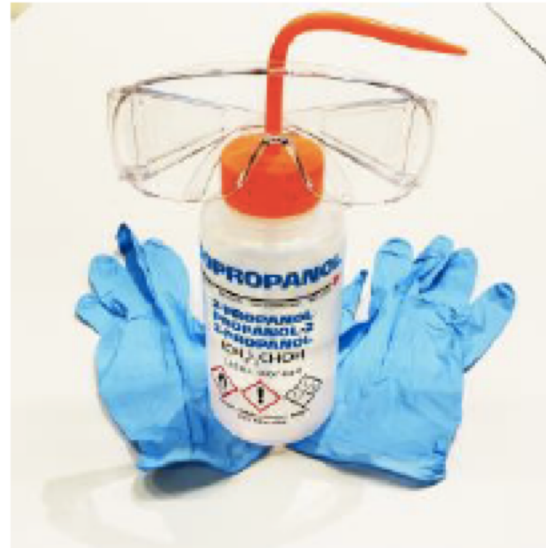
Victor Franz Hess

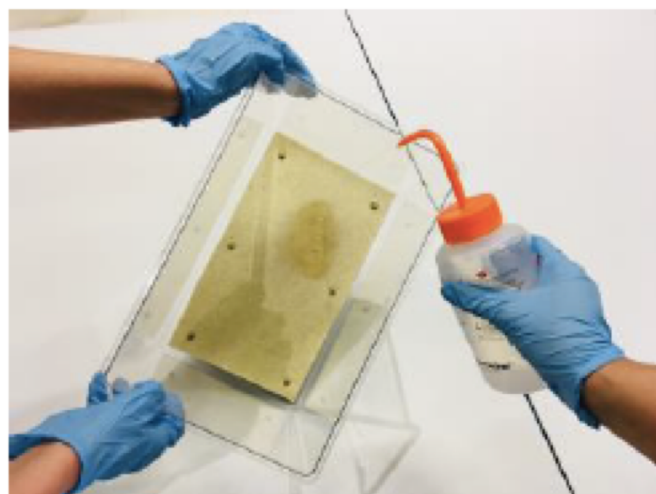
"for his discovery of cosmic radiation"

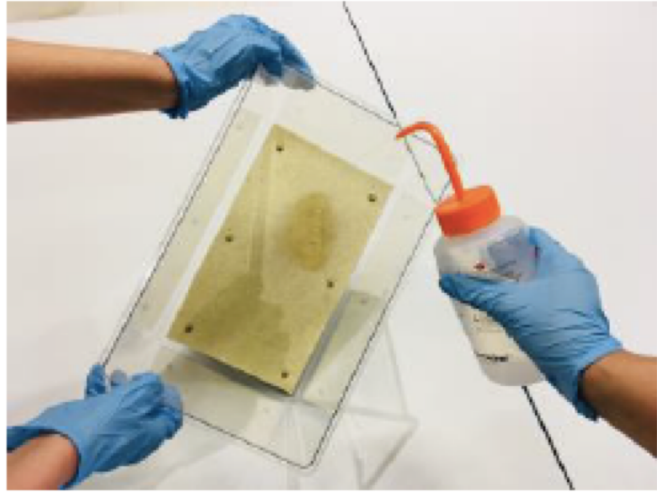
Carl David Anderson

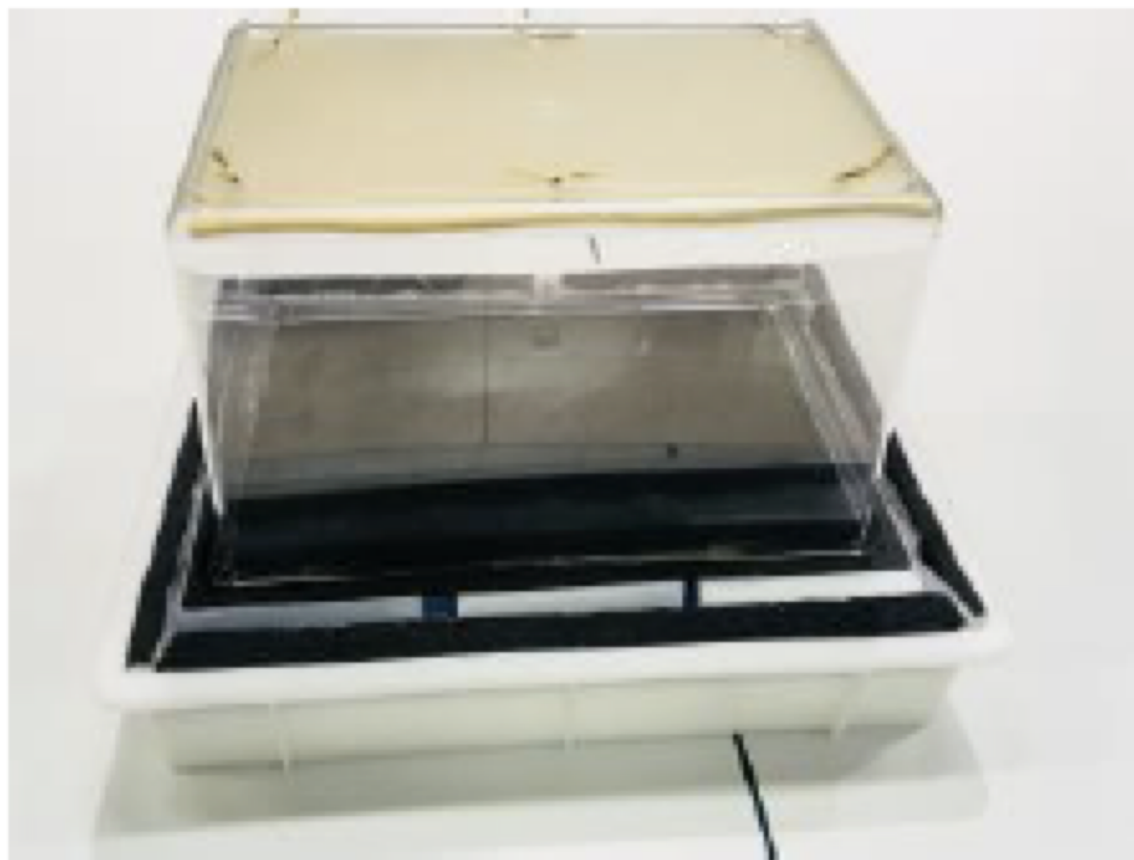
"for his discovery of the positron"









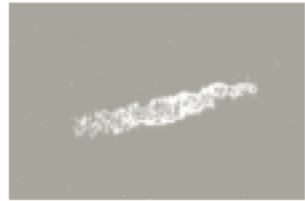




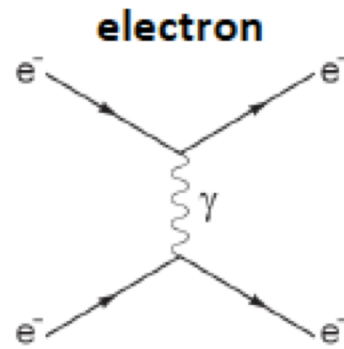
**muon or
anti-muon**



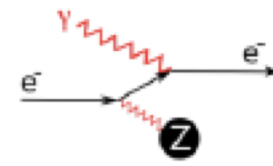
**electron or
positron**



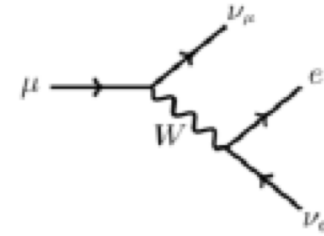
α particle system



photoelectron



**muon
transformation**



γ

**electron-muon-
scattering**



BIBLIOGRAFIA

https://scool.web.cern.ch/sites/scool.web.cern.ch/files/SCoolLAB_CloudChamber_DIYManual.pdf

<https://www.youtube.com/watch?v=xky3f1aSkB8>





