

# BRIEF DESCRIPTION OF THE LUNAR ECLIPSE

## ON 28 SEPTEMBER 2015

### TOTAL LUNAR ECLIPSE

This will be Europe's first total lunar eclipse in more than 7 years.



### DID YOU KNOW?



Only about **30%** of all lunar eclipses are total eclipses.

### HOW TO WATCH?

You can see the moon and its eclipse with the naked eye. With binoculars or a telescope you can see the eclipse even better.

### WHERE TO WATCH?

Find yourself a nice, dark spot with a good view of the western horizon.

### WHEN TO WATCH?

Entry into the penumbra:  
(P1) **02:10 am CET**

Entry into the umbra:  
(U1) **03:07 am CET**

Start of totality:  
(U2) **04:11 am CET**

End of totality:  
(U3) **05:23 am CET**

Exit from umbra:  
(U4) **06:27 am CET**

Exit from penumbra:  
(P4) **07:24 am CET**

The total phase will last about **72 minutes**.

During this time, the moon will be completely enveloped by the shadow of the Earth, consequently exhibiting a rusty red color.

