HSCI 3833. The scientific revolution.

Modern scientific concepts are believed to have originated in the seventeenth century:

- The motion of the earth and the sun-centered universe
- Mathematization of nature
- Introduction of scientific instruments
- Explanations in terms of physical laws

All this came down to a fundamental change in people's world-view. How did this come about? Why did people not simply trust their eyes and conclude that the earth was at rest?

Enter the fascinating world of

Copernicus
Kepler
Galileo
Newton
Leeuwenhoek
Harvey
Huygens

and many others.

The course meets MWF 11.30-12.20 in Price Hall, 2020
Instructor: associate professor Rienk Vermij