

I Workshop on Science and Astronomy at the DAM of the UB

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Abstract The Department of Astronomy and Meteorology (DAM) of the University of Barcelona organized the *I Workshop on Science and Astronomy for Youth* in November 2007, with the title *The Sun: Radiation and Gravitation*, as one of its outreach activities for high school students. About 350 participants took part in four different activities during the Workshop. On one hand, some days before the beginning of the activities, some DAM members went to the different high schools to present the sessions and introduce some key concepts to follow them. On the other hand, during their visit to the facilities of the Physics Faculty and the Astronomy Department of the University of Barcelona, they took part in: an observation of the Sun looking at sunspots, and a short lecture on safety rules on Sun's observations and on the Sun's structure and activity; a lecture with the title *Why do stars shine?*; and a computer experience named *Gravitation: Kepler's 3rd Law*.

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