

Learn more about cosmic rays and neutron monitors

■ You can find more detailed explanations on the public outreach pages of www.nmdb.eu (available only in English, but translations are planned to become available):

‡ What are cosmic rays ? Where do they come from ?

‡ How do they propagate through the solar wind and the complex magnetic field it carries away from the Sun ?

‡ How do cosmic rays interact with the magnetic field and the atmosphere of the Earth ?

‡ What is the impact of cosmic rays on the Earth, including technology and living beings ?

‡ How does a neutron monitor work, and which other techniques allow us to measure cosmic rays ?

‡ Why do we need a network of neutron monitors ?

Do you have questions to the experts ?
Write to questions@nmdb.eu !

UPCOMING EVENT

(for PhD students, researchers and engineers):

Cosmic rays and neutron monitors
a training course in science and applications,
Athens (Greece) September 14-19, 2009

See www.nmdb.eu !

Who we are

■ NMDB is a project involving teams from 11 different countries, funded in 2008-09 by the European Union's 7th Framework Programme. All neutron monitors operated in Europe and some neighbouring countries will pool their data to make them available in real time and provide easy-to-use data products to scientists and others. The University of Alcalá joined us in 2009.

CIAU

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Real-time database for high-resolution
neutron monitor measurements



3. NMDB: First Results

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