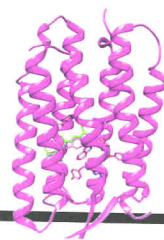


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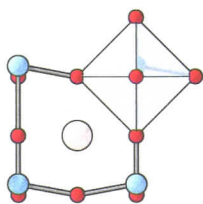
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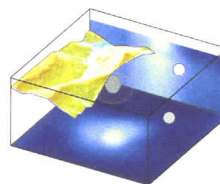
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ON THE COVER



Artist's impression of the IceCube Neutrino Observatory in Antarctica. Spherical digital optical modules (DOMs), each about 35 cm in diameter, are positioned up to 2.5 km deep in the ice. More

than 5000 DOMs make up a cubic-kilometer detector weighing more than a billion tons. The DOMs detect the faint flash of light created when a high-energy neutrino interacts with the ice. See pages 115, 146, and 147. Image: *Jamie Yang and Savannah Guthrie/IceCube/NSF*

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