

Deep Space LIVE

The Ashes of Eyjafjallajökull

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(Linz, June 9, 2010) The Icelandic volcano Eyjafjallajökull erupted on the morning of April 14, 2010. Because it was covered by a layer of ice, enormous quantities of ash (produced when magma comes into contact with water) were spewed into the atmosphere. Over the following days, the activities of this glacier volcano led to the most massive disruption of European air traffic ever caused by a natural phenomenon.

Volcanic Eruptions and Climate Change

Volcanic eruptions can have consequences that are far more serious than air traffic delays. The airborne ash emitted can even influence the weather. In a worst-case scenario—an extremely violent and long-lasting eruption—there is the possibility of negative effects on the global climate for years to come. The decisive factor is the amount of sulfur released. In the atmosphere, this material forms droplets of sulfuric acid, which then scatter incoming sunlight and reflect most of it back into space.

Deep Space LIVE with Reinhold Steinacker

Reinhold Steinacker cordially invites you to a Deep Space LIVE dedicated to Eyjafjallajökull on June 10, 2010. Reinhold Steinacker (born in 1949) is chairman of the Department of Meteorology and Geophysics at the University of Vienna. In addition to being a recognized authority in the field of climate change, Steinacker and his assistants are currently working on early warning systems for aircraft. He has published more than 200 articles in books and journals.

Plus, this event is just the thing for anyone who would like to learn more about the structure and composition of volcanic ash. One highlight on the program this evening will be fascinating images of ash samples produced by the Ars Electronica Center's own scanning electron microscope.

Deep Space LIVE

The Ars Electronica Center is now hosting a Deep Space LIVE event every Thursday (except holidays) at 8 PM. Each presentation will feature ultra-high-definition imagery in 16x9-meter format and will be accompanied by expert commentary, entertaining stand-up repartee, and musical improvisation. Whether great works from the history of art, space travel, journeys of discovery in the Nanoworld, or a live concert is what you've come to behold, Deep Space LIVE stands for enlightening entertainment amidst breathtaking worlds of imagery. Admission (including an accompanying person) is €2. Holders of a valid Museum ticket are admitted free of charge.

With queries, please contact

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