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One of the four Carnegie Museums of Pittsburgh

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CAFÉ SCI TO DISCUSS THE BEGINNING OF THE UNIVERSE

EXPERT TO TALK ABOUT RECENT SCIENTIFIC DISCOVERY

PITTSBURGH, Nov. 4, 2014 — At Carnegie Science Center's next Café Scientifique, one of today's experts in cosmic microwave background (CMB) radiation will discuss a recent scientific discovery and its possible link to the beginning of the universe. The event will be held Monday, Nov. 10, from 7– 9 pm as Café Sci presents "The Beginning of the Universe ... and Dust in our Galaxy."

Arthur Kosowsky, a top expert in CMB radiation, will speak about a new discovery made using the BICEP telescope at the South Pole earlier this year. A team of physicists noticed a subtle change in the CMB that is hypothesized to be the result of gravitational waves by a sudden cosmic expansion during the very earliest moments of the universe.

Kosowsky will talk about the science behind these ideas, what kinds of observations need to be done to decide the source of what we are seeing in the microwave sky, what this might tell us about the universe, and what kinds of future physics experiments and theories it might spur.

Kosowsky is a professor of Physics and Astronomy at the University of Pittsburgh.

The evening includes time for informal discussion, eating, and drinking. Admission is free, and food and drinks are available for purchase. Doors open at 6 pm.

For more information and to RSVP, visit CarnegieScienceCenter.org or call 412.237.3400.

About Carnegie Science Center

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center's goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh's premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

About Carnegie Museums of Pittsburgh

Founded by Andrew Carnegie in 1895, Carnegie Museums of Pittsburgh is a collection of four distinctive museums dedicated to exploration through art and science: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. Annually, the museums reach more than 1.2 million people through exhibitions, educational programs, outreach activities, and special events.

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