# Terabite: World's First One Trillion Pixel Macro Image

**GIGAmacro, NAPA, CALIFORNIA, USA  –  Friday, August 1, 2014**

**Summary**

**World's First Terapixel macro photo.**
During the Siggraph conference in Vancouver, BC August 10-14th, GIGAmacro will create the world's first terapixel macro photograph.  A terapixel is one *trillion* pixels (1 million megapixels) and will take four days of continuous photography using three Magnify[2] systems to produce over 619,000 photographs which will then be assembled into a single explorable image.

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History will be made as a one trillion pixel macro image is created using three GIGAmacro Magnify[2] systems. Over 619,000 individual photographs of foods from around the world will be captured and combined to create a seamless one terapixel macro image. Using off-the-shelf camera equipment and a dash of ingenuity GIGAmacro will create a fully explorable image with unlimited resolution and microscopic detail.

It's all happening in The Studio at the Siggraph 2014 International Conference in Vancouver, British Columbia. Attendees at the conference will be invited to participate by constructing a rich mosaic of a wide variety of foods. The mosaic, stretching over 80 feet in length will then be photographed and processed using the latest imaging techniques of the GIGAmacro Magnify[2] in The Studio. As the image is created, large format prints of sections of it will be displayed.

To include participants worldwide in the preparation and creation of the image, suggestions for food to be included, as well as comments are invited via Twitter. All tweets that include the hashtag #terabite will be incorporated into the border of the final image. Viewers will be able to zoom and scroll to find their own message preserved for posterity in the world's first terapixel macro image.

The final image will be presented after the conference on the web and on mobile devices, allowing the public to explore, share and comment on the microscopic details revealed in the imagery by using the GIGAmacro Viewer.

**Quotes**

Gene Cooper, Founder & CEO of GIGAmacro said "I've wanted to create a large scale macro image of food for a long time.  The conference makes it possible to do so and to

share that experience with the many thousands of Siggraph attendees in person, and people worldwide via Twitter and social media.  Everyone who includes the hashtag #terabite will be a part of making history."

**-ENDS-**

**Notes to editors**

**Resources**

A resource page with complete statistics, links to high resolution food samples, images, etc is at: http://gigamacro.com/worlds-first-terabite-macro-image-press/

**About the Terabite Image**

See Background & Statistics page, attached

Hashtag for the project: #terabite

**About GIGAmacro**

GIGAmacro produces automated systems for capturing, managing, annotating and sharing the world's most detailed macro photographs. GIGAmacro's systems are in use around the world in manufacturing, science laboratories, and museums that need to capture, preserve and present scalable, detailed macro images.

http://www.gigamacro.com

The Magnify$^2$ system is specifically designed for creating gigapixel resolution imagery of macroscopic and microscopic subjects. The complete turnkey system provides the robotics, optics, camera, software, and computing power to create GIGAmacro images with ease. GIGAmacro systems are in use in science, manufacturing, educational establishments and museums worldwide.

**About SIGGRAPH 2014**
SIGGRAPH 2014 will bring thousands of computer graphics and interactive technology professionals from five continents to Vancouver, Canada for the industry's most respected technical and creative programs focusing on research, science, art, animation, music, gaming, interactivity, education, and the web from Sunday, August 10th through Thursday, August 14th 2014 at the Vancouver Convention Centre.

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