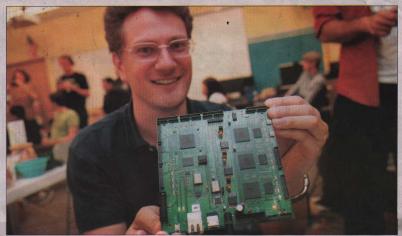
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## **SUNDAY**



## Calendar



# Replicating the brain

### By KATHRINE WARREN

n Thursday night, a robot in the hall of the Telluride Elementary School proclaimed "I see a stapler," and those watching it couldn't help but burst into applause and cheers.

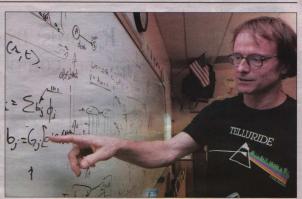
### Neuromorphic workshop takes over Telluride Elementary School

In the hall of the Telluride ling a series of computer chips mad those watching it couldn't help but burst into applause and cheers.

In another room, a graduate student sliced a tomato while a computer attempted to recognize what was happening. In the Telluride same room, scientists were test-

group who marched in this year's Fourth of July parade demonstrating how the eye captures information and relays that to the brain through neurons. That's them.

"Nobody knows what we do," said Tobi Delbruck, another workshop director who works with the Institute for Neuroinformatics in Zurich, Switzerland. "People think we're just the mad robot guys from the



Tobi Delbruck, a director of the Telluride Neuromorphic Cognition Engineering Workshop, works on an equation at the Telluride

Brain

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things," said Garrick Orchard, a student at Johns Hopkins University who was nice enough to show this puzzled reporter around. "We want to take advantage of the efficient way we computer hardware."

The workshop was open to second year graduate students at esteemed neuromorphic engineering institutes, as well as faculty members, top researchers and those in the industry.

"We want to lower the barriers between the researchers, students and experts so everyone is talking at the same level," Etienne-Cummings said.

The workshop is funded by the National Science foundation, the Air Force Office of Scientific Research, the IEEE Circuits and Systems society and Iguana Robotics, Inc. Other sponsors include, but are not inimited to, Georgia Tech, the Institute of Neuroinformatics Salk Institute and the University of Maryland.

Etienne-Cummings said they