Panel Discussion

- Deployment opportunities (killer applications) of event cameras
  - Low power learning?
  - IoT (monitoring and surveillance): Samsung, IniVation/aiCTX, CelexPixel
  - Industrial automation: Prophesee
  - Automotive: Prophesee, CelexPixel
  - AR/VR: Prophesee, Insightness

- What kind of processing hardware
  - ASICS, Embedded processors (cellphones), GPU

- What can be used in between from GPU to Loihi: architectures that are sparse and asynchronous?

- Should training and deployment architectures be the same?

- Power vs latency

- Focal plane processing

Training a single AI model can emit as much carbon as five cars in their lifetimes

Deep learning has a terrible carbon footprint.

by **Karen Hao**   Jun 6, 2019

The artificial-intelligence industry is often compared to the oil industry: once mined and refined, data, like oil, can be a highly lucrative commodity. Now it seems the metaphor may extend even further. Like its fossil-fuel counterpart, the process of deep learning has an outsize environmental impact.