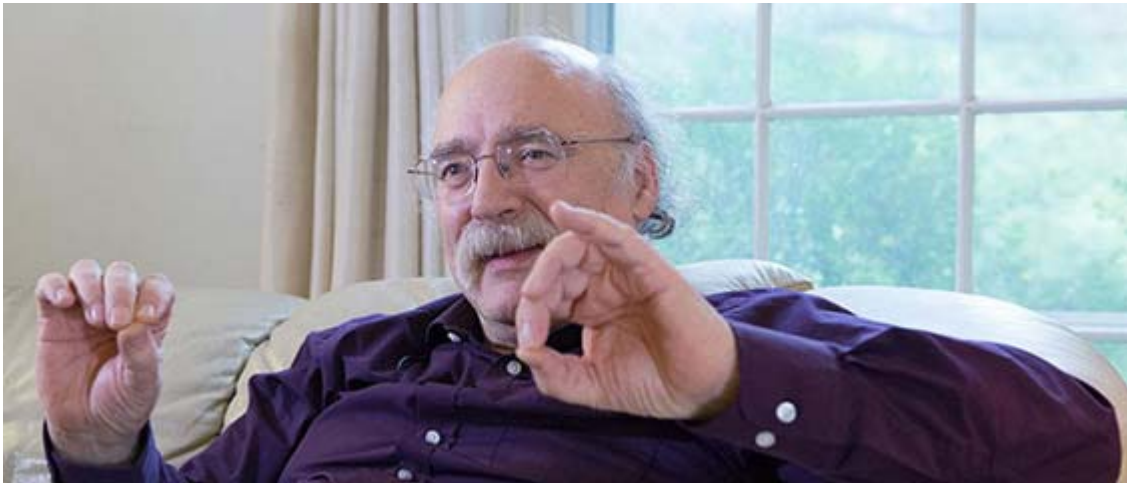


Research

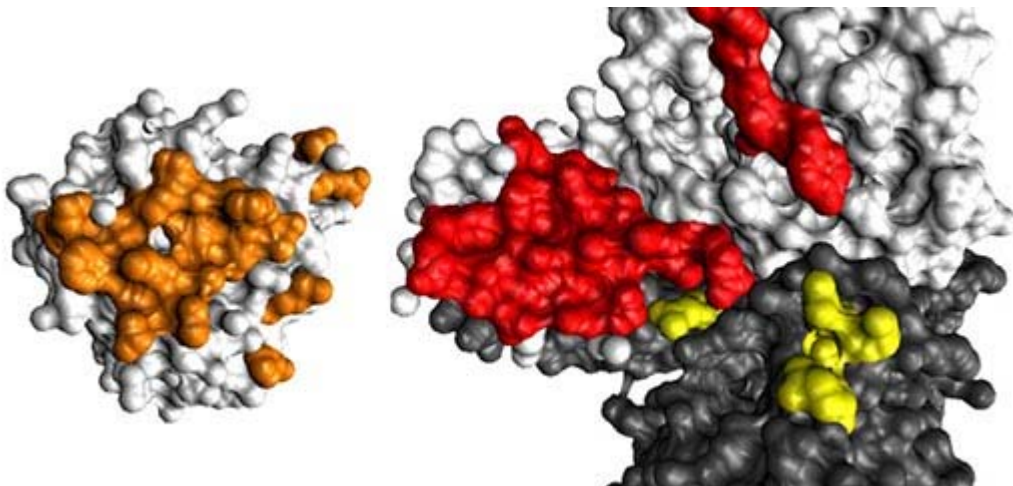
at Princeton

Fall 2016



Princeton's Haldane wins Nobel prize for theoretical physics

Haldane has been awarded the 2016 Nobel Prize in Physics for his work in topological materials, an area of condensed matter physics.



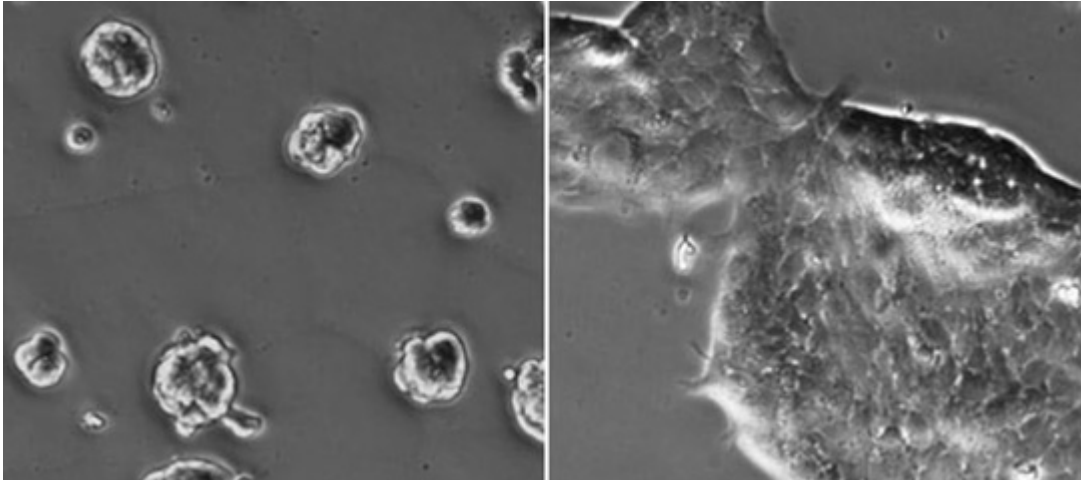
New method identifies protein-protein interactions on basis of sequence alone

A group of researchers has used mathematical analysis to figure out whether two proteins interact with each other, just by looking at the proteins' sequences and without having to train their computer model using any known examples.



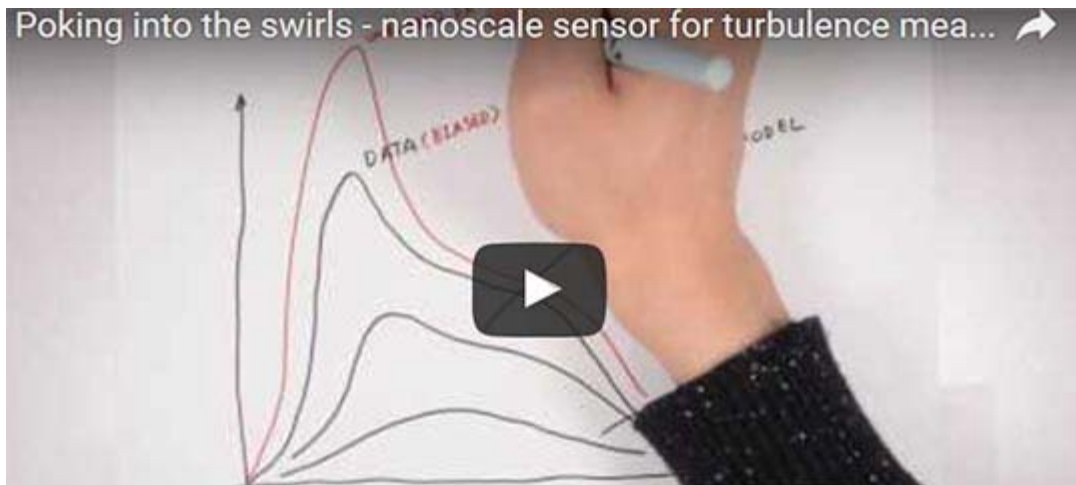
Bringing people together as scientists to save a zebra species

A Princeton-sponsored event used 40,000 photos collected by 500 volunteers to identify the remaining wild population of the world's most imperiled wild horse species, the Grévy's zebra.



Stiff and oxygen-deprived tumors promote spread of cancer

Researchers from Princeton University and the Mayo Clinic Cancer Center have found specific conditions – tumor hardness and a lack of oxygen at the tumor's core – that lead to breast-cancer progression in laboratory cultures.



Video feature: Nanoscale sensors for detecting turbulence

Graduate student Yuyang Fan uses video to explain his research on turbulence to the public.

Events

Free and open to the public



Research Computing Day

The conference will highlight computational and data-intensive research by graduate students and postdocs from all disciplines.

Princeton Institute for Computational Science & Engineering (PICSciE)
Maeder Hall Auditorium - Andlinger Center for Energy and the Environment
Friday, October 14, 8:30 a.m. to 5:30 p.m.

Muslims and the U.S. Elections

A panel discussion will feature scholars from political science, sociology, anthropology and psychology to offer insights on how the U.S. elections are impacting Muslims domestically and internationally.

Robertson Hall, Bowl 1
Tuesday, October 18, 2016 6:30 p.m. - 8:30 p.m.

Conference on Security and Privacy for the Internet of Things

The Center for Information Technology Policy and the Woodrow Wilson School will host experts at the intersection of technology and policy to discuss issues of security and privacy.

Friend Center Convocation Room
Friday, October 21, 9:00 a.m. to 4:00 p.m.

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