## **NRC-CNRC**

Astrophysical 100 Observatory 1918 + 2018

Dominion Observatoire rophysical fédéral d'astrophysique

1970 1930s



Accurately determined, for the first time, the size and rotation of our Milky Way's spiral disk.

Photo: Dan Posey

Began to manage Canada's role in some of the world's most powerful telescopes, when DAO joined the National Research Council Canada.

Photo: ESO/C.Malin



1974 - present

Conceived and built game-changing instruments for the world's largest telescopes.



1983

Provided first definitive proof of a stellar mass black hole.

1986 - present

2008

1988 - present





Pioneered adaptive optics for sharper images, comparable to those taken from space.



1987 - present

Developed the leading software to measure thousands of stars in crowded fields: DAOPHOT.

Photo: CFHT/Coelum



Made big data manageable for 60% of astronomers around the world, at the Canadian Astronomy Data Centre (CADC).

Took the first direct picture

of planets orbiting a nearby

star using advanced

techniques to blot out the

brightness of the star.