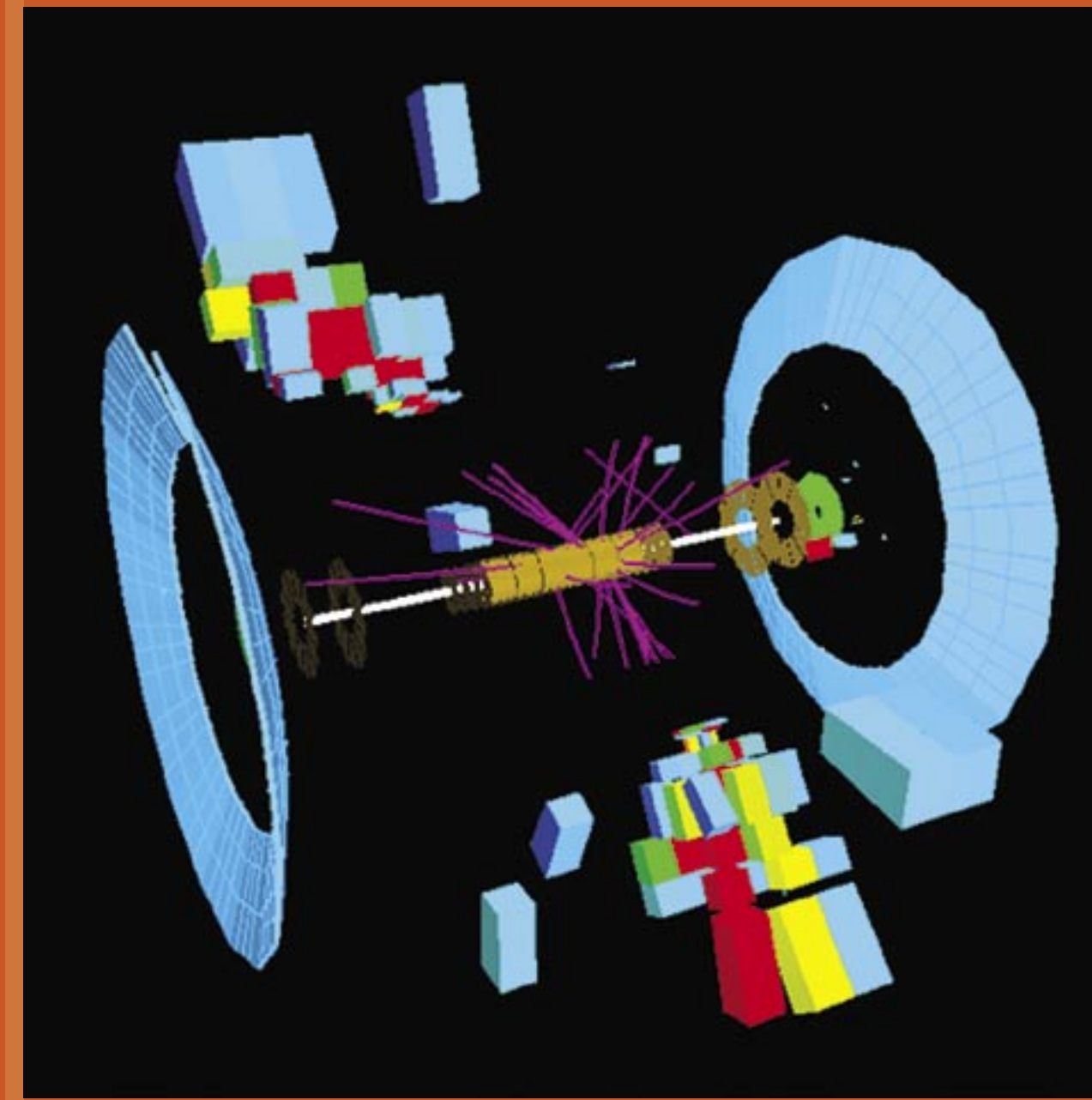


**to make sense
of the universe—
from quarks
to the cosmos**



High-energy experiments reveal the forces and particles that have shaped our universe.



Astrophysical observations have revealed that there is much more to matter than meets the eye.

"The cosmic questions address an emerging model of the universe that connects physics at the most microscopic scales to the properties of the universe and its contents on the largest physical scales. This bold construction relies on extrapolating physics tested today in the laboratory...to the most exotic astronomical objects and to the first moments of the universe."

-National Research Council,
Connecting Quarks with the Cosmos