CAP 2022 VIRTUAL CONGRESS

Plenary Speaker

Krishna Rajagopal | Massachusetts Institute of Technology

After growing up in Toronto, Professor Rajagopal did his undergraduate work at Queen's University. He obtained his doctorate at Princeton University in 1993 and after stints at Harvard as a Junior Fellow and Caltech as a Fairchild Fellow he joined the MIT faculty in 1997. He became the Associate Head of the Department of Physics in 2009, responsible for undergraduate and graduate physics education, and then served as the Chair of the MIT Faculty from 2015 to 2017. He was MIT's Dean for Digital Learning from 2017 to 2021, with responsibility for helping faculty across MIT to use digital technologies to augment and transform how we teach on campus and to share knowledge and perspectives with learners around the globe.

In his theoretical physics research, Professor Rajagopal focuses on how quarks behave in the extraordinary conditions of the microseconds-old universe and, possibly, at the centers of the heaviest neutron stars. His work links nuclear and particle physics, condensed matter physics, astrophysics, and string theory. He is the author of more than 140 papers that have been cited more than 21,000 times and is a fellow of the American Physical Society.