Prof. Oumar Ka is from Cheikh Anta Diop Université in Dakar (UCAD), in Senegal. After graduating in Dakar, he moved to France for postgrad studies in "Condensed Matter and Materials" at Pierre and Marie Curie University and a PhD prepared at the CNRS.

After being offered a position at UCAD, he later stayed in Japan, first as a CNRS-selected post-doc and then as a visiting scientist at the Electrotechnical Laboratory in Tsukuba. He could broaden his experience further in the following years as a Fulbright Scholar at the University of Utah in the US and as a Humboldt Visiting Scholar at Giessen University in Germany. Many sets of data from his work or supervised work appear in the Springer Landolt - Börnstein collections of property data in materials science regarding defects and impurities in semiconductors.

In a second phase of his career, he focused on contributing in capacity building in physics at home. This lead him to supervise students in various directions beyond materials science, e.g. physical chemistry, physics of the atmosphere, carbon dating,… He has been supervising lately a scientist on GEANT4 simulation of hadrons photo-production at the Jefferson National Laboratory CEBAF with an anticipated connection to the Electron-Ion Collider (EIC) international project to be hosted by Brookhaven National Laboratory.

Prof. Ka is now particularly focused on contributing to the networking of physicists in West Africa and beyond). He is a founding member and current President of the Senegalese Physical Society and a co-Vice President of the West African Physical Society.