

Physikalisches Kolloquium



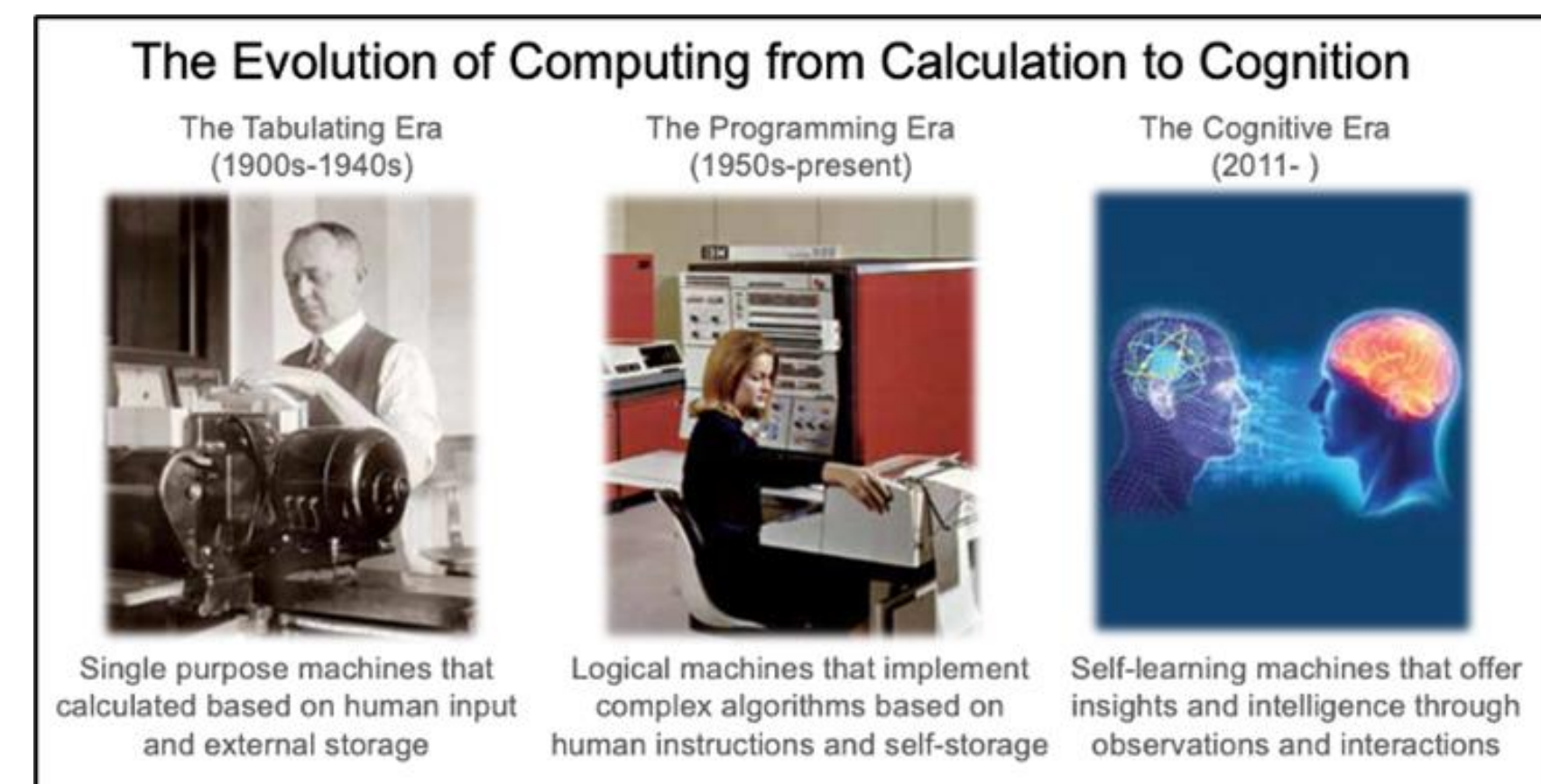
Thursday, 09.06.2022, 16:15
digital via Zoom

Dr. Belgacem Haba, Senior Fellow and
Vice President, Adeia, California, USA

The 4th industrial revolution

Abstract

In the last 300 years, we have gone through three industrial revolutions driven first by vapor, then by electricity then finally by electronics. Last 10 years we saw the emergence of new and transformative technologies that have given rise to the fourth industrial revolution. This revolution is unlike the previous ones as it merges the physical world and the virtual one. The demand, manipulation, and storage of the ever exponentially staggering data is quickly outpacing the electronic and computer industry. Moore's law as fascinating as it has been through the decades is not keeping up anymore with the requirements and price pressure of the needs of society. In this talk, we will cover the arrival of the fourth industrial revolution, its future impact, and possible technical issues needed to be resolved.



All of you interested in physics are cordially invited!