Seminar on New trends in AC transmission and distribution by Dr. Ambra Sannino, ABB System Integration

Time: Monday, October 1st, 16.00-17.00
Place: KTH Campus, Stockholm.
Address: Teknikringen 33, Ivar Herlitz Seminar room, (entrance level)
Registration (by September 28th): Rebeca Brenes rebecabb@kth.se

Abstract:
For the past ten years, the big trend in AC grids has been the integration of renewables (mainly wind and solar power) which have been growing globally. The inherent variability of these power sources has created challenges which are not yet fully solved. More recently, the advent of digital technologies is changing the landscape. Digital substations are safer and show potential to save space and delivery time. Digital technologies also impact the design and engineering processes with new tools and technologies such as virtual reality. The next frontier in the struggle against climate change is the transformation of the transport sector. Sustainable transportation requires electrification and new solutions such as charging infrastructure for electric vehicles, e.g. passenger cars but also electric buses.

Biography of the presenter:

Ambra Sannino is Head of Product Management for ABB System Integration, a unit that develops, sells and delivers solutions for substations and AC grid connections in transmission and distribution. She has been with ABB for the past 14 years, holding different positions in Research & Development, both with Corporate R&D and in the business.
She has a Ph.D. in Power Engineering with specialization in Power Systems from the University of Palermo in Italy, and a Doctor of Science degree from Chalmers University of Technology in Gothenburg, Sweden. Ambra has a background in academia and, prior to joining ABB, she was an Associate Professor in Power Systems at Chalmers University. She is a Senior Member of the Institute of Electrical and Electronic Engineers (IEEE).

Welcome !

Dr. Lina Bertling Tjernberg
Chair of the IEEE Sweden PES/PEL Chapter