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Applying digitalization trends in grid control

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Digitalization is considered as a big lever for improving and optimizing the operation of technical and commercial processes. However, the value of digitalization depends on the accessibility of data and the knowledge to bring data from historically existing data silos into the right context.

Another aspect, which influences the leverage of digitalization is the adaption speed of new technologies. I.e. Smart phones might be replaced after few years, while grid automation components do have lifecycles of more 10 years plus.

The presentation will discuss the different ways, to apply digitalization and especially data analytics and artificial intelligence in the smart energy domain, what are the hurdles and possible approaches to overcome them. The presentation will also give some outlook about digitalization technology development outside the energy system industry in mass market domains like telecommunication, cloud service provider or the automobile industry. These solutions might influence energy system solutions, just because of the scaling effects in these domains, which will make them extremely cheap.

Please send the Abstract to dsobajic@gridengineering.com by April 12