

## Commercial Presentation Theatre & Process Equipment Zone (Hall 1)

Day: 25<sup>th</sup> May  
Time: 11,30 - 11,50

### VEGA ITALIA SRL

Speakers: Daniele Romano  
Marzio Olivati



### SIL & Cyber Security for a reliable level measurement

A reliable level measurement in process industry is fundamental to guarantee proper plant operation and high safety for machines and personnel.

For this purpose, non-contact radar level transmitter is the correct answer. Radar sensor allows to get a reliable level value of the medium, for both liquid and solid, in almost all applications and it is unaffected by process conditions or external environmental.

The radar level transmitter shall be designed and developed according to SIL requirement and following IEC 61508 in order to offer maximum safety characteristics and operational reliability in safety critical applications.

Another main requirement is Cyber Security in accordance with IEC 62443 to maintain the highest standards and help to protect plant from cyber attacks and reduce vulnerability.

To meet both requirements of SIL and Cyber Security, VEGA has launched on the market new radar sensor VEGAPULS 6X.

Thanks to 2<sup>nd</sup> Generation 80 GHz radar chip, this sensor is designed for level measurement keeping safety standards at the highest level.