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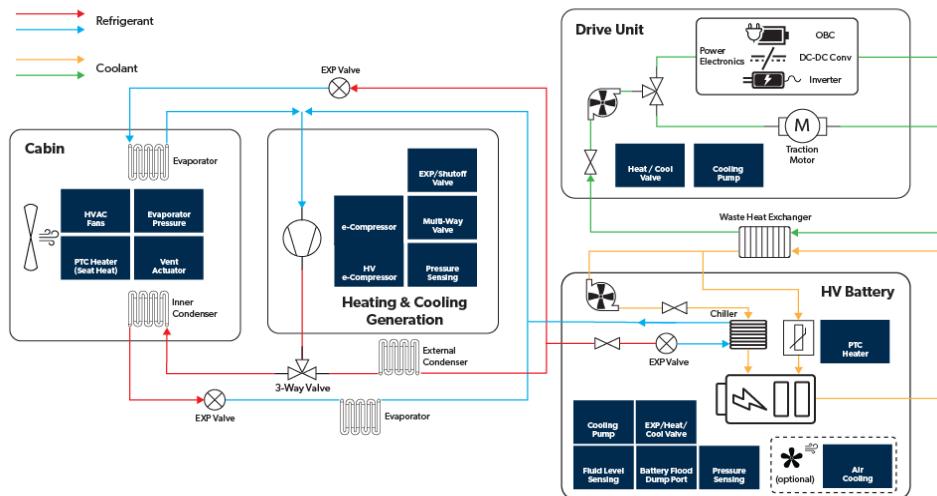
NATIONAL PHD SCHOOL IN
MICRO AND NANO ELECTRONICS
phd-mne.unipv.it



May 8th, 4PM
Magenta Seminar Room
Dept. ECBE, D Floor

Electric Vehicle Thermal Management Challenges from a Semiconductor Perspective

Speaker: Andrea Foleto



Abstract: The automotive industry is undergoing a significant transformation with the rise of electric vehicles (EVs). This shift toward electrification brings with it a critical challenge: thermal management. The efficiency and reliability of EVs are heavily dependent on maintaining optimal operating temperatures for various subsystems combined with passenger comfort: We will look to requirements and solutions for thermal management as: quiet operation, high efficiency, and compact design.