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Technical Presentation on:

**Considerations for Hazards of
Electromagnetic Radiation to Fuels**

Abstract: Hazards to fuel from Electromagnetic Radiation (HERF) are prime considerations in the Defence and petrochemical industries. Too often the primary focus is regarding the amount of RF exposure that will cause a hazard. HERF scenarios require certain conditions for a hazard to exist. In this presentation all aspects that contribute to HERF are considered along with mitigation techniques to reduce the risk.

CPD: This session is worth 1 CPD Hour.

Presenter: Mark Mifsud
FIEAust CPEng Eng Exec
originally graduated with
Bach Engineering (Electrical)
from RMIT in 1989. He
worked for the Land
Engineering Agency for 13
years before joining EMC
Technologies as the
Melbourne Manager, a
position he held for 10
years. Mark is currently
working for Nova Systems, which is one largest
Australian owned engineering consulting
companies.



Mark became a chartered engineer in 2012 and was elevated to Fellow status in 2013. Mark is also a senior member of IEEE.

Mark is currently the Chair of EA EMC Society as well as Victorian Chapter Chair of the IEEE EMC Society. He is also the Australian representative on the Asia Pacific EMC Steering committee, as well as the General Chair for the upcoming APEMC 2020 Symposium to be held in May 2020.

Mark has over 30 years experience in the Defence industry and is well placed to provide advice regarding issues concerning EMC, RADHAZ, HERO and HERF.

Where: Engineers Australia, Level 31, 600 Bourke Street, Melbourne.

When: 15th October, 6:00pm for 6:30pm start.
Light refreshments provided.

Cost: Free for members, AU\$30 for Non-members.

Registration Details: Please register your intention to attend via the following link:

<https://www.engineersaustralia.org.au/event/2019/09/considerations-hazards-electromagnetic-radiation-fuels-herf>