



# 20th International Zurich Symposium on Electromagnetic Compatibility

## TU-4 on Friday, January 16

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| Title Tutorial          | Protection of Commercial Facilities Against Intentional Electromagnetic Interference (IEMI) |
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The objective of this tutorial is to inform the attendees of the latest information concerning the threat of IEMI and the means to protect commercial facilities against this threat.

The topics to be considered include: IEMI threat sources, susceptibility trends of electronic equipment, available HPEM standards, and protection approaches.

**Abstract:** This tutorial is aimed at informing the attendees of the latest information regarding the threat of IEMI on commercial facilities and the tools available to protect facilities against this threat. A presentation regarding the types and strengths of typical RF source threats will begin the tutorial followed by specific and generalized susceptibility levels for electronic equipment. The third presentation will introduce the high-power electromagnetic (HPEM) standards available for use, and the final presentation will describe how all of this information can be used in a comprehensive fashion to develop a mitigation scheme for commercial facilities with critical electronic systems.