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## Introduction to Industrial Cybersecurity

*Tuesday, 4 July 2023 13:15 (1h 55m)*

The aim of the lecture is to raise awareness about the relevance of cybersecurity in the context of Industry 4.0 and to get a glimpse of the most common threats and vulnerabilities in industrial control systems as well as the countermeasures available to mitigate risks.

### Objectives

1. Awareness of cybersecurity risks in industrial control systems and critical infrastructures
2. Overview of the features of industrial control systems in contrast to traditional information systems
3. Overview of threats, vulnerabilities and countermeasures in industrial control systems

### Outcomes

1. Understand the relevance of cybersecurity in industrial control systems and critical infrastructures
2. Understand the main threats and vulnerabilities in industrial control systems in contrast to traditional information systems
3. Acquire a high-level view of the procedures and measures available to mitigate cybersecurity risks.

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