Cybersecurity (6 ECTS credits)
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Partners: Bragança Polytechnic University (Portugal), Universidad de León (Spain), Bremen University of Applied Sciences (Germany)
Calendar: Virtual component starting 03/04/2024, ending 08/06/2024. Physical component starting 11/06/2024, ending 15/06/2024.
Contents: Fundamentals of system and network security. Concepts of cryptography. Vulnerabilities and attacks. Industrial Cybersecurity. Mechanisms for control, containment, detection and prevention. Systems and networks hardening. Security audit and penetration testing.