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Teleoperation and human-robot-interface

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The most relevant challenges of telerobotics technologies for the coming years are precise manipulation in semi-structured environments, high levels of tightening torque, and reduced execution time. Also, an iterative design of remote handling processes is necessary to comply with maintenance requirements properly. Other aspects to consider are operator training and robot recovery strategies, among others. In this talk, an overview of the challenges for remote handling and human-robot-interface is presented, with the focus on future developments and technologies.

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