

## Pillar 1+3

Session 1.5 Efficient manufacturing and automation

Session 3.4 Co-programming Partnerships

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Dr. Max Lemke is the Head of Unit for "Technologies and Systems for Digitising Industry" in Directorate General CONNECT of the European Commission. He has a leading role in developing and coordinating the strategy for the Digitising European Industry strategy. In the European Commission's

Research and Innovation Programme HORIZON 2020, Dr Lemke is responsible for the areas embedded and cyber-physical systems, advanced computing, and ICT for manufacturing. He is co-responsible in CONNECT for the Joint Technology Initiative ECSEL (Electronic Components and Systems for European Leadership) and the Public Private Partnership Factories of the Future. In the latter context he has gradually built the I4MS initiative (ICT Innovation for Manufacturing SMEs). He is particularly devoted to establishing a pan-European network of digital innovation hubs covering all of Europe and to strengthening European leadership on digital industrial value chains and platforms. Dr Lemke has worked in various areas in the European Commission Research and Innovation Programmes since 1995. Before joining the Commission, Max has worked in research and industry in Germany, the US, and the UK. With a Doctorate in Natural Sciences, he has a scientific background in numerical mathematics, parallel computing, and software engineering.

