



MACHINING 4.0 TECHNICAL DAY

DEVELOPMENTS AND NEW TECHNOLOGIES FOR MACHINING

The Machining 4.0 technical day will take place on April 5, 2022 at Cetim, 52 avenue Félix Louat, Senlis (France).

Conferences are in French

PROGRAMME

09:00 Welcome

09:30 Plenary conferences

09:30 Welcome message from Philippe Poncet, Cetim's Deputy General Manager

09:40 Presentation of the European project Machining 4.0, Pascal Pollet, Sirris

10:00 Innovation in machining: Research, development and transfer topics carried out at Cetim, Dominique Ghiglione, Head of R&D materials, manufacturing processes, Cetim

10:30 Towards an intelligent and connected machine-tool: illustration with the instrumented tool-holder demonstrator, Ugo Masciantonio, Machining expert, Cetim

11:00 Break

11:20 Workshop visit to illustrate the interaction of the machining operation with... Metrology, behavior and failure of parts and structures.

12:20 Window on "the connected shopfloor and intelligent machines" with Cetim Cluses (Stéphane Maniglier)

12:45 Lunch

13:30 - 16:00 Workshop demonstrations

Workshop 1 An alternative to cutting fluids: assistance with supercritical CO₂ (François Laforce, Cetim)

Workshop 2 Robotic deburring (Christophe Desplatz)

Workshop 3 Intelligent dimensional control : Towards a first good part! (Mathieu Girinon, Cetim)

Workshop 4 Influence of machining on residual stresses - Characterisation on part (Eric Usmial, Cetim)

Workshop 5 Training 4.0 in machining with voice and video assistant - (Philippe Seillier, Cetim)

Lieu et date

SENLIS

at Cetim

05 AVRIL 2022

organisé par Cetim

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