

PPP: FoF

BCT's interest

Topics of interest

FoF.NMP.2012-4 (Demo-targeted projects):
New high-performance manufacturing technologies
in terms of efficiency, robustness and accuracy

FoF.NMP.2012-7 (Demo-targeted projects):
New technologies for casting, material removal
and forming processes

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BCT's activities and expertise

Fields of activities

- Geometrically adaptive machining
- In-process scanning
- Metals and composites
- Manufacturing and repair
- Aerospace, energy, medical and high-value products

Expertise

- Advanced NC processes
- Adaptive processes for material addition and material removal
- Automation of processes and process chains
- Data management
- System integration

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BCT's R&D experience on European level

- AROSATEC FP6 Aero Automated turbine component repair
- FANTASIA FP6 Aero Adaptive laser metal deposition
- FLEXA FP7 Aero Flexible automation, data management
- IMPALA FP7 NMP Rapid manufacturing, data management
- SignaStir FP7 SME Real-time control of Friction Stir Welding
- MERLIN FP7 Aero Additive manufact. of turbine components

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BCT's company profile

- SME
- Engineering and software
- Adaptive machining systems and special applications

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