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## **OPTIMIZATION OF THE NC PROGRAM USING NC BRAIN SOFTWARE**

Adrian BUT\*

### **ABSTRACT**

The lecture presents solutions to optimize the NC program. When we do NC machining, we meet lots of challenges like; these are: i) How to increase more profit? ii) Is there any way to do safest and fastest machining? iii) Is there any way to make top-notch standard technology?

The lecture will answer these questions. Using the original NC program and keeping the technology with the same cutting tools, the results give us less time of manufacturing with more protection to collisions using NC BRAIN software.

### **KEY WORDS**

CAM software, CNC machine tools, optimisation.

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\* Assoc. Professor, Department of Materials and Manufacturing Engineering, Mechanical Faculty, POLITEHNICA University of Timișoara, ROMANIA, Email: adi.but@gmail.com, adrian.but@upt.ro