

CT scanning of logs – an industrial application

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Abstract

The mission of the Hardwood Scanning Center at Purdue University is to increase the global competitiveness of the United States hardwood industry and to conserve the hardwood resource by development of technologies which will enable hardwood industry to “see inside a tree” and use this information to make better processing decisions.

The Hardwood Scanning Center partnered with others in the development of an industrial grade log CT scanner. First three industrial CT log scanners have been installed in last 3 months and this presentation will briefly discuss their application. The Hardwood Scanning Center also developed visualization and optimization software for the hardwood veneer and sawmill operations. This presentation will provide an overview and update of our activities.

Keywords: Hardwood, log, CT, scanning