

The Role and Opportunities of Advanced Manufacturing in the U.S.

by

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Over the last few decades, we have seen a steady erosion of the heavy manufacturing industry in the U.S. With the increasing global competition, the U.S. manufacturing industry is facing an ever increasing challenge. This talk will begin with the review of the recent trends in manufacturing in the world and the U.S.A. The presentation will then show how manufacturing has progressed over the recent years in the U.S. and what impact it has had on the employment and U.S. productivity. Then it will provide some examples of advanced manufacturing technologies that have emerged in recent years and offered significant benefits to the U.S. manufacturing industry. The presentation will then highlight the role of advanced manufacturing in the future U.S. manufacturing and finally will address the opportunities to overcome some of current challenges to maintain global competitiveness.