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Singapore's NTU Invests \$24M in 3D Printing

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Nanyang Technological University

(<http://www.ntu.edu.sg/Pages/index.aspx>) in Singapore today unveiled its S\$30 million (equivalent to approx. US\$24 million) 3D printing research center, the NTU Additive Manufacturing Centre (<http://namc.mae.ntu.edu.sg/Pages/Home.aspx>).

The center is supported by the Singapore Economic Development Board, and the official opening was conducted by Singapore's Senior Minister of State for Trade and Industry and

National Development, Mr. Lee Yi Shyan.

The NTU Additive Manufacturing Centre was opened to further the university's research on 3D printing and pioneer new ways of using the technology. It aims to bring together industry partners and experts to develop innovative solutions in a range of fields, but primarily in medicine and bioprinting.

According to NTU President Bertil Andersson, the center is equipped with the best 3D printers and printing solutions, including laser-aided machines for printing metal parts and bio-printers that can print human tissue.

"In the future, knee and bone implants customized to fit individual patients could easily be made using 3D printers," said (<http://www.channelnewsasia.com/news/singapore/ntu-unveils-s-30m-3d/1122022.html>) NTU in a statement.

Even though the center was only officially opened today, it has already signed agreements with various companies to develop 3D printed products for them.

During the opening, NTU also announced a S\$5 million joint laboratory agreement with German 3D printer manufacturer SLM Solutions (http://stage.slm-solutions.com/index.php?index_en), who we have written about before (<http://www.inside3dp.com/?s=slm+solutions>). NTU hopes the collaboration will aid in developing next-generation 3D printers capable of much more than the printers of today.

The partners will also work together to develop new materials and techniques for 3D printing.