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## Titanium powder metal components manufacture presentation at AeroMat conference draws interest

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ASM International is proud to announce the success of the 22nd Advanced Aerospace Materials and Processes Conference and Exposition (AeroMat 2011) held at the Long Beach Convention Center in Long Beach, Calif., in May. AeroMat, the largest conference of its kind in the world, drew over 500 attendees, and was co-located with the Society for the Advancement of Materials and Process Engineering (SAMPE) for a combined total of 7000 participants.



This year's conference theme was "New Era in Flight: Design and Manufacturing of Advanced Materials for the Future," and the well-attended plenary program included such topics as "Volcanic Ash-Aircraft Engine Encounters" and "Hypersonic Flight: The Final Frontier of Aeronautics," among others.

A highlight of the technical presentation was the paper entitled "The New Era in Titanium Manufacturing – Powder Metal Components" presented by Ms. Susan M. Abkowitz FASM, of [Dynamet Technology Inc.](#), Burlington, Mass., that garnered particular attention. Although the paper was presented the afternoon of the final day of the program, the large conference room was filled to capacity with only standing room available.

The paper focused on a new, more affordable titanium alloy production technology pioneered by Dynamet Technology and evaluated for mechanical properties and reproducibility by [Boeing](#). The powder metal manufacturing process is cleaner and more energy efficient than conventional ingot manufacture, permitting potential significant cost reduction in component production and substantial reduction in supply lead times. Further information is available directly through Dynamet Technology, and audio recordings of many 2011 technical presentations are available through the [AeroMat website](#).

This year also marked the first networking event at AeroMat. The dinner cruise aboard the Majestic was attended by over one-third of conference attendees. AeroMat 2012 will be held June 18-21 at the Charlotte Convention Center in Charlotte, NC. Plan now to be part of next year's event. Further information on the AeroMat Conference and Exposition can be found on the ASM website at [www.asminternational.org/aeromat](http://www.asminternational.org/aeromat).

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